

TENDER DOCUMENT

(Tender Notice No.HMB(G)2-25/2016,Dated 23.11.2016)

For procurement of various Computer Hardware and its equipments.

(OFFICE OF THE H.P. STATE AGRICULTURAL MARKETING BOARD AND APMCs IN H.P.)

| | | |
|--|-------------------|------------------------|
| Schedule | | |
| Release of Bid: | 25.11.2016 | |
| Last date of Submission of Tender documents: | 16.12.2016 | upto 11.00 A.M. |
| Pre-bid conference with tenderers: | 08.12.2016 | 11.00 A.M |
| Opening of Tender/Evaluation of Technical bids: | 16.12.2016 | 11.30 A.M. |
| Opening of financial bid: | 19.12.2016 | 11.00 A.M. |

**HIMACHAL PRAESH STATE AGRICULTURAL MARETING BOARD,
VIPNAN BHAWAN KHALINI, SHIMLA-2**

NO.HMB(G)2-25/2016-

DATED 23.11.2016

**SUBJECT: TENDER FOR PROCUREMENT OF COMPUTER
HARDWARE/EQUIPMENTS.**

TENDER NOTICE

1. NOTICE INVITING TENDER

Sealed tenders are invited by the Managing Director, H.P. State Agricultural Marketing Board from Manufacturing Firms/ Authorised Dealers for supply and installation of computer hardware. The hardware specification and Terms and Conditions detailed in the tender document which can be downloaded from Board website www.hpsamb.nic.in and tender fee demand draft of Rs. 500/- in favour of Managing Director, HPSAMB Shimla be enclosed along with tender document.

The Tender complete in all respect be submitted along with EMD of Rs.2.50,000/- (Rs. Two lac fifty thousand) only in shape of FDR in favour of Managing Director, HPSAMB Khalini, Shimla on or before 16.12.2016 till 11.00 A.M. and to be opened at 11.30 A.M.

(Dr.H.S.Baweja)
Managing Director,
HP State Agricultural Marketing Board
Khalini Shimla-2

1. Definitions:

Unless repugnant to the subject or context of usage, the following expressions used shall carry the meaning hereunder respectively assigned to them, namely:

- (i) The expression "HPSAMB/or "BOARD" occurring in the tender document shall mean HP Agricultural Marketing Board, Khalini, Shimla-2.
- (ii) The expression "Bidder" shall mean the Tenderer who submits the tender for the work and shall include the successors and permitted assigns of the tenderer.
- (iii) "Competent Authority" shall mean the Managing Director of HPSAMB or any other Officer designated by him for the purpose of this work.
- (iv) "The Contract" means an agreement regarding supply of the goods & provision of services entered into between the HPSAMB and the Supplier, as recorded in the Contract Form signed by the parties, including all appendices thereto and all documents incorporated by reference therein.
- (v) "The Contract Price" means the price payable to the Supplier under the Contract for the full and proper performance of its contractual obligations.
- (vi) "The Goods" means all the equipment and/or other material, which the Supplier is required to supply to the Purchaser under the Contract.
- (vii) "The Purchaser" means the Managing Director, HPSAMB, Shimla.
- (viii) "The Supplier" means short listed Bidder supplying the goods and services under this Contract.

Note:**1. Application:**

These General Conditions shall apply to the extent that these are not superseded specific by provisions in other parts of this tender document. A detailed Contract agreement shall be signed after the order is placed. Detailed provisions of such a contract-agreement shall have an over-riding effect vis-a-vis this Tender Document.

2. HARDWARE DESCRIPTION AND SPECIFICATION (Corporate model).**2.1 Descriptions**

| Sr. No. | Descriptions | Annexure | Quantity each Mandi (Approx.) |
|---------|--|----------|-------------------------------|
| 1 | Desktop | A | 72 |
| 2 | Laptop | B | 12 |
| 3 | Professional Display Screen (Auction Hall) | C | 12 |
| 4 | Thermal 3" Printer | D | 24 |
| 5 | Laser printers (Printing, copying, scanning) | E | 48 |
| 7 | On line UPS 1KVA (Entry/Exit Gate) | F | 24 |
| 8 | On line UPS 5KVA (Auction Hall) | F | 12 |
| 9 | Layer 3 switch (7+12=19) | G | 19 |

2.2 SPECIFICATION (Corporate model) (Annexure A-G)

NOTE: The quantity may increase or decrease depending on the inclusion of mandis under e-NAM.

3. SCHEDULE OF EVENTS:

| | | |
|---|------------|-----------------|
| Schedule | | |
| Release of Bid: | 25.11.2016 | |
| Last date of Submission of Tender documents: | 16.12.2016 | upto 11.00 A.M. |
| Pre-bid conference with tenderers: | 08.12.2016 | 11.00 A.M |
| Opening of Tender/Evaluation of Technical bids: | 16.12.2016 | 11.30 A.M. |
| Opening of financial bid: | 19.12.2016 | 11.00 A.M. |
| Award of contract (tentative): | 30.12.2016 | |

4. ELIGIBILITY CRITERIA:

4.1 Technical Bid.

| Sr. No. | Eligibility Criteria | Documents/Information required along with proposal. |
|---------|--|---|
| 1. | The responding firm/agency/Dealer should have made a payment of cost of tender document if downloaded from website of the Board. | Demand Draft of Rs. 500/- (Rupees Five Hundred Only) from Nationalized/Schedule Bank in the favour of "Managing Director, HPSAMB" payable at Shimla |
| 2. | Earnest Money Deposit | FDR of Rs.2,50,000/-(Rs. Two lac fifty thousand) only duly pledged in favour of Managing Director, HPSAMB, Shimla. |
| 3. | Registered with VAT Authorities | Copy of Registration Certificate. Latest clearance certificate 31.03.2016. |
| 4. | Income tax clearance certificate | Latest clearance certificate 31.03.2016. |
| 5. | A Bidder should be manufacturer or Authorized Dealer. | Firm must have its support base in Himachal Pradesh. |
| 6. | i) The bidder shall not be under a declaration of ineligibility for corrupt or fraudulent practices. ii) And should not be blacklisted by any State Govt./Central Govt./ PSU in similar services for any reason at the time of Bidding. | Performa-A. |
| 8. | Authorized Signatory of the responding Bidder and declaration regarding acceptance of terms & conditions contained in the tender document | Performa-B. |
| 9. | Bidder's should have his average Turnover of Rs. One Crore for the last Three Years. | Enclose certificate from Chartered Accountants. |
| 10. | Bidder should have minimum three year work experience in state level in sale of computer hardware (I.T.) | Self declaration or documentary proof etc. |

5. PREPARATION OF BIDS

5.1 Language of Bid & Correspondence:

The Bid will be prepared by the Bidder in English language only. All the documents relating to the Bid (including brochures) supplied by the Bidder should also be in English and the correspondence between the Bidder & Purchaser will be in English Language only. The correspondence by Fax/E-mail must be subsequently confirmed by a duly signed copy.

5.2 Documents comprising of Bid:

The Bidder will prepare the bid in two parts.

5.3 ELIGIBILITY CLAIM:

In support of his eligibility, a Bidder must submit the documents as per Section 4.

5.4 COMMERCIAL BID:

(i) The Commercial Bid shall consist of:

- Price Bid in **Schedule I**.
- Three years comprehensive warranty duly authorised by OEM.

5.5 The Bid Value which will be taken into account F.O.R destination price (including warranty). The F.O.R. price must include all levies and duties customs duty, excise duty, sales tax/VAT. The F.O.R will be APMCs as tabulated below:

| Sr. No. | Name of APMC | Market Yard | Remarks |
|----------------|---------------------|--------------------|----------------|
| 1 | Shimla & Kinnaur | Theog | |
| 2 | -do- | Rohroo | |
| 3 | -do- | Parala | |
| 4 | Paonta-Sahib | Paonta-Sahib | |
| 5 | Kullu | Bandrol | |
| 6 | -do- | Patlikuhhal | |
| 7 | Kangra | Palampur | |
| 8 | Mandi | Mandi | |
| 9 | Hamirpur | Hamirpur | |
| 10 | Una | Una | |
| 11 | -do- | Santokhgarh | |
| 12 | Chamba | Chamba | |
| | | | |

5.6 Bid Currencies:

- Prices shall be quoted in Indian Rupees.
- The contract price shall be paid in Indian Rupees.

5.7 *Any corrigendum, modifications, changes related to this tender before the day of bid submission shall be notified on website www.hpsamb.nic.in only.*

Notwithstanding anything else contained to the contrary in this Tender Document, the Managing Director, HPSAMB, Shimla reserves the right to cancel/withdraw/modify fully or partially the 'Invitation for Bids' or to reject one or more of the bids without assigning any reason and shall bear no liability whatsoever consequent upon such a decision.

6. Period of validity of Bids:

For the purpose of placing the order, the Bids shall remain valid for a period of sixty days after the date of award of contract.

7. Amendment of Bids:

Bids once submitted cannot be amended. However, in some circumstances (such as major anomaly in the technical specifications having a major impact on pricing), the

Purchaser may decide to take fresh bids from all the Bidders before actually opening of the Commercial Bids.

In order to afford prospective Bidders reasonable time to make amendment in their bids, the Purchaser may, at his discretion, extend the deadline for the submission of bids. However, no such request in this regard shall be binding on the Purchaser.

8. Format and Signing of Bid:

8.1 The original Bid shall be neatly typed duly stamped and signed, by an authorized signatory (ies) on behalf of the Bidder. The authorization shall be provided by written statement accompanying the Bid. All pages of the Bid, except for un-amended printed literature, shall be initialled by the person or persons signing the Bid.

8.2 The Bid shall contain no interlineations, erasures or overwriting, in order to correct error made by the Bidder. All corrections shall be done & initialled by the authorized signatory after striking out the original words / figures completely.

9. SUBMISSION OF BIDS

9.1 Sealing and Marking of Bids:

9.2 The Bidder shall seal & mark various parts of the Bid as follows:

(i) Eligibility Claim as per Sec – 4, Para 4.1 original in sealed envelope super scribed with words "Eligibility Claim Technical bid "DO NOT OPEN BEFORE **16/12/2016, 11:30AM "**.

(ii) Bid Security (EMD) in shape of DD should be kept in separate envelope super-scribed with words “Bid Security “

(iii) Commercial Bid as per Sec – 5, Para 5.4 in separate envelope containing the Commercial Bid super scribed with words" "Commercial Bid "DO NOT OPEN BEFORE **19/12/2016, 11:00AM "**.

Every envelop and forwarding letter of various parts of the Bid shall be addressed as follows:

**“The Managing Director,
H.P. State Agricultural Marketing Board;
Vipnan Bhawan Khalini, Shimla-2**

9.3 Deadline for Submission of Bids:

Bids will be received by the Purchaser at the specified address not later than **16/12/2016, 11:00 AM**. The Purchaser may, at its discretion, extend this deadline. The Purchaser may also extend this deadline for any other administrative reason.

9.4 Late Bids:

Any bid received by the Purchaser after the deadline for submission of bids will be rejected.

9.5 Modification and withdrawal of Bids:

No Modifications of Bids be allowed and Bids cannot be withdrawn in the interval after its submission of bids and before the expiry of Bid's validity specified by the Purchaser. Withdrawal of Bid during this interval may result in the forfeiture of Bidder's Bid security.

10. BID OPENING AND EVALUATION

10.1 Opening of bids by Purchaser:

The Bids shall be opened on **16/12/2016 at 11:30AM** or on any other later day and time fixed in the HP State Agricultural Marketing Board’s meeting Hall in

the presence of representatives of the Bidders who may choose to attend the proceedings.

10.2 Scrutiny of Technical Bid:

The "Fact Sheets" submitted by the Bidders shall ascertain whether the product offered by the Bidder matches with the minimum requirement of the Purchaser as given in the Technical Specifications in this Tender Document. The commercial Bids of only those bidders will be opened who fulfils the minimum technical requirements of the purchaser and are found substantially responsive.

10.3 Opening of Commercial Bids of substantially Responsive Bidders:

The Bid Security/ Commercial Bids of only those Bidders will be opened who are found substantially responsive. A Substantially Responsive Bidder is one which conforms to all the stipulations of section 4 & 5 of this tender document.

10.4 A Bid determined as not substantially responsive will be rejected by the Purchaser.

11. Gross Bid Value:

11.1 The Gross Bid Value shall be calculated as under;

Gross Bid Value = Total Price for commercial bid in schedule 1. The total bid price shall be taken into consideration by total sum for single quantity of each item.

Note 1:

The Bidder shall not quote prices subject to certain conditions. Bids containing any conditional prices may be rejected or the Purchaser may take a final decision in its discretion about such conditionality's.

Note 2:

Arithmetical errors will be rectified on the following basis. If there is a discrepancy between the unit price and the total price that is obtained by multiplying the unit price and quantity, the unit price shall prevail and the total shall be corrected. If the Bidder does not accept the corrections of errors, its bid will be rejected. If there is discrepancy between word and figures, the amount in words will prevail.

12. NEGOTIATIONS

12.1 If the Purchaser does not find the lowest offer acceptable, it may go in for negotiations, which can be done with the lowest bidder only.

13. AWARD OF CONTRACT

13.1 Prior to the expiry of the period of Bid validity, the Purchaser will notify the successful Bidder in writing by post or Fax or email that his Bid has been accepted.

13.2 The lowest Bidder can be denied the right of continuing with the contract, if the equipment being supplied by him, fails the standard performance criteria. In such an event, the next lowest bidder (L-2) shall be considered.

13.3 The liability of the supplier(s) to deliver the Goods and perform the services will commence from the date of notification of Award. The Delivery Period shall be 45 days from the date of 'Notification of Award of Contract'. The "date of delivery" shall be the date on which the equipment /material is received at the destinations.

13.4 After the Purchaser notifies the successful Bidder(s) that his 'Bid' has been accepted, the Purchaser will sign an agreement (described as Contract herein after) within 7 days with the successful Bidder on mutually agreed terms for efficacious implementation of the order.

14. Terms and conditions:-

14.1 Agreement:

The successful bidder has to sign agreement with the purchaser to the effect that all provision of tender document are acceptable to his company.

14.2. Standards:

The goods supplied under this Contract shall conform to the standards mentioned in the Technical Specifications and the latest improvements incorporated after the finalization of contract, but before the dispatch.

14.3. Performance security:

The successful bidder has to deposit performance security @5% of total value of award in shape of BG or FDR in favour of Managing Director, HPSAMB, Shimla.

14.4 Inspections and Tests:

The Purchaser or its representative shall have the right (if it so desires) to test the goods to ascertain their conformity to the specifications. If any inspected or tested Goods fail to conform to the Specifications, the Purchaser may reject them and the Supplier shall either replace the rejected goods or make all alterations necessary to meet specification requirements to the Purchaser.

14.5 Packing & Delivery:

The supplier shall provide such packing as is required to prevent damage or deterioration of the goods during transit to their final destination as indicated in the Contract. The Supplier shall be responsible for any defect in packing.

14.6 Transportation:

The entire cost of carriage/transportation from the port of discharge to the destination shall be borne by the Supplier. The FOR will be APMC's as per section 5.5.

14.7 Payment:

Payment shall be released to the supplier within 45 days of complete delivery and successful installation of system.

14.8 Delay in the Supplier's Performance:

Delivery of the goods shall be made by the Supplier in accordance with the time schedule specified by the Purchaser in the Contract.

Any unjustifiable delay by the Supplier in the performance of his delivery obligation may render the Supplier liable to any or all the following:

- (i) Forfeiture of its Bid security.
- (ii) Termination of the contract and risk purchase at Supplier's risk.
- (iii) Initiation of any other legal proceedings.

The Supplier will strictly adhere to the time-schedule for the performance of Contract. However, the Purchaser can relax this time limit in force majeure conditions.

14.9 Termination for Default:

The Purchaser may without prejudice to any other remedy for breach of contract, by written notice of default sent to the supplier, terminate the Contract in whole or in part after sending a notice to the Supplier in this regard.

- (i) If the Supplier fails to deliver any or all of the goods within the time period(s) specified in the Contract, or any extension thereof granted by the Purchaser or
- (ii) If the Supplier fails to perform any other obligation under the Contract.

14.10 Taxes and Duties:

Supplier shall be entirely responsible for payment of all taxes, duties and levies, imposed up to/until the delivery point specified in the Contract. If there is a reduction in any of the statutory duties and levies before the dispatch of goods, the benefit of the same will be passed on to the Purchaser.

14.11 Forfeiture of Bid Security:

If the supplier fails to comply with any of the Terms & Conditions the entire amount of bid or performance security shall be forfeited.

14.12 Resolution of Disputes

All the disputes would be settled under jurisdiction of the Hon'ble High Court, Himachal Pradesh, Shimla.

Annexure-A

PC-01-Desktop

| | |
|--------------------|---|
| Make & Model | |
| Processor | Intel Core i5-4570, 3.2 GHz, 6 MB Cache or its higher version |
| Chipset | Intel Q8 series |
| Motherboard | Standard OEM |
| RAM | 4 GB 1600 MHz DDR3 RAM with 32 GB Expandability |
| Hard drive | 500 GB 7200 rpm or higher |
| Audio | |
| NIC | 10/100/1000 on board integrated Network Port with remote booting facility remote system installation, remote wake up, TPM enabled 1.2 chip using any standard management software |
| Display Monitor | 47 cm or larger (18.5 inch or larger) TFT/LED Digital Colour Monitor TCO-05 certified. |
| Keyboard | 104 keys. USB Keyboard |
| Mouse | Optical with USB interface |
| Ports | 6 USB Ports or more (at least 2 USB with 3.0),1 Display port/VGA port, audio ports for microphone headphone in front |
| Form Factor | Tower/Mini Tower |
| Power Supply | |
| Certifications | Windows 8 OS certification. |
| Operating System | Windows 8 Professional as specified, with Media and Documentation and Certificate of Authenticity |
| Preloaded Software | Microsoft Office/ Open Office, Adobe PDF, Microsoft Security Essentials |
| Accessories | 8X or better DVD ROM Drive |
| Warranty | 3 Years Onsite Warranty |

Laptops

| | |
|---------------------|---|
| Make & Model | |
| Processor | 5th Generation Intel Core i7-5500U (4MB L3 Cache, 2.4GHz) Processor or higher |
| Chipset | Compatible Chipset |
| Motherboard | OEM Motherboard |
| RAM | 8 GB DDR3 RAM |
| Hard Drive | 1TB or higher Hard Disk Drive |
| Audio | Integrated Audio |
| Network Interface | 10/ 100/ 1000 Network interface |
| Wireless LAN | Wireless LAN, Bluetooth |
| Graphics controller | Integrated graphics |
| Display | 15" TFT color display or above |
| Input Devices | Key board & Standard Touchpad |
| Interfaces | Minimum 3 USB 2.0 port or higher, VGA, HDMI/DVI/DP Port |
| Battery backup | 40WH or above |
| Webcam | 720P HD Video Webcam |
| Memory Card Reader | 3 in 1 or above |
| Operating System | MS Windows 8.1 Professional 64 bit |
| Antivirus | Latest version of Antivirus Symantec/ McAfee/ NOD32 / eTrust / Kaspersky/ Quick heal/ eScan/Msecure with following features anti-virus, Anti Spyware, Intrusion Prevention Browser protection with 3 Years subscriptions with support & updates and patches |
| Accessories | With required accessories, connecting cables and driver media, Carry Case and AC Adaptor should be supplied |
| Warranty | 3 years comprehensive onsite warranty including battery |
| Certifications | MS Windows |

Carry Bag Specification

| Item | Details |
|---------------|--|
| Suitability | To accommodate Laptop & its accessories mentioned above. |
| Material | Polyester fabric, nylon bonded thread, branded zippers and sliders |
| Compartments | Two compartment bag (Laptop, Power adapter, utility pocket) with padded sleeve, Utility pocket in the front. |
| Padding | Padded handle, Padding on the back for comfort and air flow curved and padded contoured shoulder strap |
| Certification | Backpack should be certified by the OEM and carry standard warranty of minimum six months |

Professional Displays

| | |
|------------------------------|--|
| Picture/Display | <ul style="list-style-type: none"> • Diagonal screen size: 31.5 inch / 80 cm • Panel resolution: 1920 x 1080p • Optimum resolution: 1920 x 1080 @ 60 Hz • Brightness: 350 cd/m² • Contrast ratio (typical): 1400:1 • Dynamic contrast ratio: 500,000:1 • Response time (typical): 8 ms • Aspect ratio: 16:9 • Viewing Angle (H / V): 178 / 178 degree • Pixel pitch: 0.36375 x 0.36375 mm • Display colours: 16.7 Million • DICOM: Clinical D-image |
| Supported Display Resolution | <ul style="list-style-type: none"> • Computer formats Resolution Refresh rate 640 x 480 60, 67, 72, 75 Hz 800 x 600 56, 60, 72, 75 Hz 1024 x 768 60 Hz 1280 x 768 60 Hz 1280 x 800 60 Hz 1360 x 768 60 Hz 1366 x 768 60 Hz 1440 x 900 60 Hz 1600 x 1200 60 Hz 1920 x 1080 60 Hz 1920 x 1200 60 Hz • Video formats Resolution Refresh rate 480i 60 Hz 480p 60 Hz 576p 50 Hz 576i 50 Hz 720p 50, 60 Hz 1080i 50, 60 Hz 1080p 50, 60 Hz |
| Connectivity | <ul style="list-style-type: none"> • Video input: DVI-D, HDMI, Component (RCA), Composite (RCA), VGA (Analogue D-Sub) • Audio input: 3.5-mm jack, Audio Left/Right (RCA) • Audio output: Audio Left/Right (RCA), 3.5 mm jack • External control: RJ45, RS232C (in/out) 2.5 mm jack, IR (in/out) 3.5 mm jack • Other connections: USB |
| Convenience | <ul style="list-style-type: none"> • Memory: Internal memory access, 8 GB eMMC • Screen-saving functions: Pixel Shift • Energy-saving functions: Smart Power • Tiled Matrix: Up to 15 x 15 • Start-up: Switch on delay, Switch on status, Wake up on LAN • Start-up window: enable/disable Philips logo • Keyboard control: Lockable, Hidden • Network controllable: RS232, RJ45, One Wire (HDMI-CEC) • Signal Loop Through: RS232, IR Loop through |
| Dimensions | <ul style="list-style-type: none"> • Bezel width: 11.9 (TLR)/17.2 (B) mm |

| | |
|-------------------------|---|
| | <ul style="list-style-type: none"> • Set dimensions (W x H x D): 726.5 x 425.4 x 63.6 mm • Set dimensions in inch (W x H x D): 28.6 x 16.75 x 2.5 inch • VESA Mount: 100 x 100 mm, 200 x 200 mm, M4 • Product weight: 5.20 kg • Product weight (lb): 14.74 |
| Operating conditions | <ul style="list-style-type: none"> • Temperature range (operation): 5 ~ 40 °C • Temperature range (storage): -20 ~ 60 °C • Relative humidity: 20 ~ 80 % • MTBF: 50,000 hour(s) |
| Power | <ul style="list-style-type: none"> • Consumption (On mode): 32 W (EnergyStar 6.0test method) • Mains power: 100 ~ 240 VAC • Standby power consumption: <0.5 W |
| Sound | <ul style="list-style-type: none"> • Built-in speakers: 2 x 10 W RMS |
| Multimedia Applications | <ul style="list-style-type: none"> • USB Playback Video: 3G2, 3GP, ASF, ASX, AVI, DAT, DivX, F4V, FLV, M2TS, M4V, MK3D, MKV, MOV, MP4, MPE, MPEG, MPG, MTS, QT, TRP, TS, TTS, VOB, WEBM, WMV, Xvid • USB Playback Picture: BMP, GIF, JPEG, JPG • USB Playback Audio: AAC, AC3, AIF, AIFF, AMR, EC3, M4A, MP3, OGA, OGG, WAV, WMA |
| Accessories | <ul style="list-style-type: none"> • Included accessories: AC Power Cord, RS232 cable, VGA cable, Remote Control, Batteries for remote control, User manual on CD-ROM, Quick start guide |
| Miscellaneous | <ul style="list-style-type: none"> • Warranty: 3-year warranty • On-Screen Display Languages: English, French, German, Italian, Polish, Turkish, Russian, Simplified Chinese, Spanish, Traditional Chinese • Regulatory approvals: BSMI, CB, CCC, CE, CECP, C-Tick, EPA, GOST, UL/cUL |

Thermal 3" Printer

| | |
|---------------------|---|
| Make & Model | |
| Print | |
| Paper Dimensions | Width: 79.5 ± 0.5 mm (3.13" ± 0.02") Diameter: 83 mm (3.27") maximum |
| Paper Thickness | 0.06 to 0.07 mm (0.002" to 0.003") |
| Print Speed | NORMAL: 150 mm/s (5.91"/s), Approx 40.0 Ips (3.75 mm [0.15"] feed) PAGE MODE PRINTING: 150 mm/s (5.91"/s) BIT-IMAGE PRINTING: 150 mm/s (5.91"/s) RASTER BIT-IMAGE PRINTING: 150 mm/s (5.91"/s) LADDER BAR CODE, 2 DIMENSIONAL PRINTING: 99 mm/s (3.90"/s) |
| Interfaces | Serial, Parallel, USB, Ethernet |
| Print Fonts | 12 x 24 / 9 x 17 / 9 x 24 mm (including 2-dot spacing horizontally) |
| Characters Set | 95 Alphanumerical, 1 x International, 128 x 1 Extended Graphic Thai (128 x 3) & Vietnam (128 x 2) Characters |
| Paper Type | Thermal roll paper |
| Power | |
| Power Consumption | Approx. 1.4 A (Mean) |
| Power Supply Option | PS-180 (included) |
| Power Supply | 24VCD ± 7% |
| General | |
| Weight | Approx. 1.7 kg |
| Dimensions | 144 (W) × 189 (D) × 145 (H) mm 5.67" (W) × 7.44" (D) × 5.71" (H) |
| Reliability | |
| Reliability MCBF | 52 million lines Auto cutter 1.5 million cuts |
| Reliability MTBF | 360,000 hours |

Laser Printers(Printing, Copying, Scanning)

| | | |
|----------------|--------------------------------|--|
| Make & Model | | |
| Printer | Function | Printing, Copying, Scanning |
| | Speed | 35 PPM and above |
| | Resolution | 3 inches touchscreen CGD (Color Graphics Display) |
| | Memory | 256MB |
| | OS Capability | Compatible with current versions of Windows 7, 8 & 10, Mac and Linux |
| | Duty Cycle, Monthly | Up to 75,000 pages |
| Paper Handling | Media Size Supported | A4, A5, A6 B5 (JIS) |
| | Power Saving | 600 Watts or less (printing/copying); 10 Watts (ready) |
| | Duplex | Automatic Duplex |
| | Interface | Hi speed USB 2.0, 1 Gigabit Ethernet 10/100/1000T , built-in Wi-Fi, printing directly from smart phone and tablets |
| | Cartridge | Original Cart to be supplied with 6000 Pages yeild. |
| Accessories | Required Cables and Driver CDs | |

UPS-02– 1KVA On-Line UPS

| | |
|---|---|
| Make& Model | |
| Capacity | 1.5 KVA / 1200Watts |
| Technology | Advanced DSP based True Online UPS with double conversion technology |
| Self Test | |
| Input | |
| Voltage Range | 160 to 300 VAC |
| FrequencyRange | 50 Hz +/- 5% |
| Phase | 1-phase, 3 wire |
| Power Factor | >0.99 |
| Output | |
| Voltage | 220VAC / 230VAC / 240VAC +/- 1%, 1phase |
| Voltage Regulation | |
| Frequency | 50 to 60 Hz +/- 3 Auto Sense |
| Output Waveform | Pure sin wave |
| Crest Factor | 3:1 max. |
| Efficiency AC – AC | Min 85% (online mode) |
| Power Factor | 0.8 pf |
| Overload capacity | 125% for 10 min., 150% for 1 min. |
| Battery | |
| Battery Capacity | 5400 VAH OR ABOVE |
| Rack | Powder coated battery rack/Stand to be provided |
| Battery Type | Sealed Maintenance Free Batteries (Exide Power safe / Numeric / Amaron) |
| Charger | Built-in solid state float-cum-boost charger with automatic boost |
| General | |
| Operating temperature | 0 to 50 Deg. C |
| Line Mode to Battery mode transfer time | 0 ms |
| Cold start | |
| Display & User Friendly front panel | LCD display for status/fault information |
| Indications | |
| Audible Alarm | |
| Protection | All critical source and sensitive loads should have protection from transients,Advanced Electronic Protection for device safety for rectifier and Inverter, Built-in Overload protection, from short Circuits |
| Auto restart | |
| Bypass | |
| Standard Interface | |
| Certification | |
| Cabling and Connectors | |
| Warranty | Comprehensive 3 years Onsite warranty for UPS & Batteries including spares. |

UPS-02– 5KVA On-Line UPS

| Item | |
|-------------------------------|---|
| Capacity | 5KVA |
| Technology | Advanced digital signal processor controlled, double conversion true online UPS system. |
| Power Factor | 0.8 |
| Wave Form | Pure Sine Wave |
| Nominal Voltage | 230 (based on load percentage) |
| Frequency Regulation | + / - 0.5 % |
| Frequency | 50 /60 Hz +/-0.1 HZ |
| Input Power Correction | 0.99 |
| AC-AC efficiency | 90% |
| Transfer time Mains-Battery | 0 |
| Transfer Time Inverter-Bypass | Max 4 msec |
| Battery Type | Sealed maintenance free batteries (Exide Power Numeric/Amaron) |
| Operating Temperature | 0 to 40 degree |
| Storage Temperature | -20 to 50 degree |
| Humidity | 20% to 90% non condensing |
| Noise Level | 50 to 55 dBA Max |
| Com Port | Yes |
| Monitoring Software | Yes |
| LED Display | Yes |
| Generator Compatible | Yes |
| Isolation Transformer | Yes |
| Rack | Powder coated battery rack/stand to be provided |
| Warranty | 4 Years Onsite |

Layer 3 Switch

| | |
|----------------------------|---|
| Make & Model | |
| No. of Ports | 24 10/100/1000 Ethernet Ports |
| Interfaces | 24 10/100/1000 Ethernet Ports ,Four optional uplink network modules with GE or 10GE ports or Equivalent |
| Throughput | 64 Gbps of throughput in stack or Higher |
| Switching Fabric | 160 Gbps or Higer |
| Mac Addresses support | 12000 or Higher |
| Routes Supported | 11000 or Higher |
| Optional Network Modules | Network Modules with Four GbE, Two 10GbE SFP+ Interfaces, |
| 10 GBE Density | 2 |
| DRAM | 256 MB or Higher |
| Flash Memory | 64 MB or Higher |
| MAC Security ACEs | Media Access Control Security (MACsec) hardware-based encryption or Equivalent |
| VLAN IDs | 4k or Higher |
| Storage Temperature | (-40 to 70°C) |
| Mean Time Between failures | Calculated MTBF must be greater than 300,000 using Telcordia SR-332, Method 1 or equivalent |
| Remote Management Protocol | TR-060, RMON, SNMP |
| Compliance Standards | UL60950-1 ,C-UL to CAN/CSA 22.2 No.60950-1 ,TUV/GS to EN 60950-1 ,CB to IEC 60950-1 with all country deviations ,AS/NZS 60950-1 ,CE Marking |
| Redundant power supply | YES |
| Accessories | With required accessories (cables, driver media etc.,) should be supplied to make operational of the equipment |

DECLARATION REGARDING PAST PERFORMANCE

To

**The Managing Director,
H.P. State Agricultural Marketing Board,
Khalini, Shimla-171002**

Sir,

I have carefully gone through the Terms & Conditions contained in the Tender Document regarding procurement of Computer system/ Devices by HPSAMB. I hereby declare that my company/firm has not been debarred/black listed by any Government / Semi Government organizations for quality/ service products nor is there any pending dispute regarding short shipment/ installation/service. I further certify that I am an authorized signatory of my company and I, therefore, competent to make this declaration.

Name: _____

Designation: _____

Company: _____

Address: _____

**DECLARATION REGARDING ACCEPTANCE OF TERMS &
CONDITIONS CONTAINED IN THE TENDER DOCUMENT**

To

**The Managing Director,
H.P. State Agricultural Marketing Board,
Khalini, Shimla-171002**

Sir,

I have carefully gone through the Terms & Conditions contained in the Tender Document regarding procurement of hardware (Computer system/Devices) by HPSAMB. I declare that all the provisions of this Tender Document are acceptable to my Company. I further certify that I am an authorized signatory of my company/firm and I, therefore, competent to make this declaration.

Name: _____

Designation: _____

Company: _____

Address: _____

PRICE SCHEDULE - I

| Sr. No. | Description of Items | Qty. /Unit Approximately | Rate (INCLUDING ALLTAXES, LEVIES, DUTIES etc. | Amount |
|---------|--|-----------------------------|--|--------|
| 1 | 2 | 3 | 4 | 6 |
| 1 | All In One Computer System: as per annexure A | 72Nos. | | |
| 2 | Laptop as per annexure B | 12Nos. | | |
| 3 | Laser Printer as per annexure E | 36Nos. | | |
| 4 | Thermal Printer 3” as per annexure D | 36Nos. | | |
| 5 | Professional Display Screen (Auction Hall) as per annexure C | 12Nos. | | |
| 6 | On line UPS 1KVA (Entry/Exit Gate) as per annexure F | 24Nos. | | |
| 7 | On line UPS 5KVA (Auction Hall) as per annexure F | 12Nos. | | |
| 8 | Layer 3 switches as per annexure G | 19Nos. | | |
| | Grand Total: | | | |

DECLARATION REGARDING ON SITE SUPPORT

To

**The Managing Director,
H.P. State Agricultural Marketing Board,
Khalini, Shimla-171002**

Sir,

I/we M/s _____ do hereby declare that our firm has sufficient experience in supply/Installation and maintenance of Computer hardware's in H.P. Govt./Boards/Corporations in the State. We have sufficient technical staff to provide technical support all over the Himachal Pradesh. We also undertake that we will provide onsite support within 12 to 36 hours at the maximum after receiving of complaint. The mode of lodging complaint will be e-mail, fax and telephone etc. I/we further certify that I am an authorized signatory of my company and I, therefore, competent to make this declaration.

Name: _____

Designation: _____

Company: _____

With seal

Address: _____