Ref No. Fin (2) 16659/17/SN
Department of Soil Survey and Soil Conservation
Government of Kerala


Tender document can be downloaded from the Government of Kerala website (www.etenders.kerala.gov.in) or from the Department of Soil Survey and Soil Conservation website (www.keralasoiis.gov.in) between 19th January 2018 to February 7th 2018. The cost of the tender form is Rs. 2,360/- (inclusive of GST).

A Pre-bid meeting will be held on 24th January 2018 at 4PM in the Directorate of Soil Survey and Soil Conservation, Vazhuthacaud, Thiruvananthapuram. Submission of bid will start from 25th January 2018. The last date for the submission of e-Tenders with all prescribed documents is 3pm on 7th February 2018. Technical bids will be opened at 3pm on 9th February 2018.
TENDER TERMS AND CONDITIONS

Notice inviting e-Tender for the Purchase of computers and peripherals for use of IWDMK, Chadayamangalam under the scheme “Strengthening of the Infrastructure facilities of Institute for Watershed Development & Management, Kerala”, (IWDM-K) Chadayamangalam.

On behalf of the Governor of Kerala, the Department of Soil Survey and Soil Conservation invites e-tenders under the two bid system (technical and financial) from eligible bidders who have GST registration for the Purchase of computers and peripherals for use of IWDMK, Chadayamangalam under the scheme “Strengthening of the Infrastructure facilities of Institute for Watershed Development & Management, Kerala”, Chadayamangalam. The rules and regulations prescribed for e-tender by the Govt. of Kerala shall be applicable to this e-tender also.

1. **Cost of Tender Form and Earnest Money Deposit:** Interested bidders can view the Tender document from the Government of Kerala website (www.etenders.kerala.gov.in) or from the Department of Soil Survey and Soil Conservation website (www.keralasoils.gov.in) between 19th January to 7th February 2018. The required items are grouped in to six categories. The details of cost of the tender form + GST and Earnest Money Deposit are given below. The cost towards the tender form and EMD shall be remitted through online mode only. Firms who are registered with the Stores Purchase Department or the Directorate General of Supplies & Disposals, New Delhi are exempted from furnishing Earnest Money for tenders in respect of stores for which they have registered as suppliers of stores. However, this exemption is not applicable to tenders for Rate/Running Contracts.

<table>
<thead>
<tr>
<th>Category No</th>
<th>Items</th>
<th>Qty/No</th>
<th>Cost of Tender Form (Rs)</th>
<th>GST (Rs)(18%)</th>
<th>EMD (Rs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Computer</td>
<td>13</td>
<td>2000</td>
<td>360</td>
<td>10,000</td>
</tr>
<tr>
<td>2</td>
<td>UPS</td>
<td>13</td>
<td></td>
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<tr>
<td>3</td>
<td>Multi functional device( printer, scanner, copier)</td>
<td>2</td>
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</tbody>
</table>
2. **Pre-bid meeting and Opening of Bids:** A Pre-bid meeting will be held on 24th January 2018 at 3pm in the Directorate of Soil Survey and Soil Conservation, Centre Plaza, Vazhuthacaud, Thiruvananthapuram. Submission of bids will start from 25th January 2018. The last date for the submission of e-tenders with all prescribed documents is at 3pm on 7th February 2018. Technical bids will be opened at 3pm on 9th February 2018. If the date fixed for opening happens to be a holiday, the bids will be opened on the next working day, at the same time. The financial bids would be opened after the evaluation of technical bids by the Technical Evaluation Committee.

3. **Digital Signature:** The supply should be made in accordance with Annexures shown in the tender document. The tender is to be submitted as e-tenders through [https://etenders.kerala.gov.in](https://etenders.kerala.gov.in). Since this is an e-tender, only those bidders who have enrolled in the above portal with their own digital signature certificate (DSC) can participate in the tender. E-Tender document and other details can be obtained from the above e-portal. For obtaining digital signature certificate (DSC) and necessary portal enrolment bidders can visit the website [https://etenders.kerala.gov.in](https://etenders.kerala.gov.in)

4. **Validity and Currency of Bids:** All bids shall hold good for acceptance for a minimum of 60 days from the date of closing the tender. The rates should be quoted in Indian currency only.

5. **Price Quotations:** The price quoted should indicate the amount both exclusive and inclusive of GST.

6. **Mode of Payment:** The bidder desiring to take part in the bid shall log into [https://etenders.kerala.gov.in](https://etenders.kerala.gov.in) and then select tender and initiate payment. Bidders will be directed to the payment gateway page of the State Bank of India. There are two options – (1) State Bank of India (SBI Net banking payment) and (2) Payment through NEFT from other banks to the payment gateway of SBI.

7. **Declaration:** The e-tenders submitted by the competent Manufactures/dealer/supplier should contain a scanned and signed copy of the product offered and declaration sheet for ‘Purchase of Computers and Peripherals for use of IWDMK, Chadayamangalam’, under the scheme “Strengthening of the Infrastructure facilities of Institute of Watershed Development & Management, Kerala”, Chadayamangalam”.

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<tbody>
<tr>
<td>4</td>
<td>Laptop</td>
<td>1</td>
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<tr>
<td>5</td>
<td>Hard disc</td>
<td>5</td>
</tr>
<tr>
<td>6</td>
<td>Antivirus</td>
<td>5</td>
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</tbody>
</table>
8. **Agreement**: Scanned copy of the agreement in the prescribed format in Kerala Stamp paper worth Rs. 200/- should be submitted online and original to the undersigned before the opening of the e-tender.

9. **Scrutiny of Tenders**: A technical evaluation committee would scrutinize the tenders received and will take necessary action for the award of tender. **The decision of the Director of Soil Survey and Soil Conservation will be final for the award of the contract.**

11. **Performance Security**: The successful tenderer will have to execute an agreement in stamp paper worth Rs. 200/- in prescribed form and manner and also to furnish the required Performance security amount @ 5% (five percent) of the total quoted amount within 7 days of the receipt of the supply order.

12. **Supply Period**: The successful tenderer shall supply and install the items at IWDMK, Chadayamangalam within twenty days from the receipt of the supply order.

13. **Other Terms and Conditions**
   1. Details with respect to the e-tender and the details of specifications of the item to be purchased can be obtained from the e-tender website https://etenders.kerala.gov.in.
   2. The items which are required are grouped in to Six Categories. The tenders can quote the items category wise or as whole.
   3. The committee headed by the Director of Soil Survey & Soil Conservation will scrutinize the tenders received and will take necessary action for the award of tender. The decision of the Director of Soil Survey & Soil Conservation will be final for the award of the contract.
   4. The authorized dealers, firms are eligible in the field are to participate in the tender and necessary documents providing are to be produced along with tender.
   5. The rates quoted should be inclusive of GST.
   6. The rate should be inclusive of transportation, handling or any other cost of supply at IWDMK, Chadayamangalam or as per the direction from the undersigned.
   7. The supplier should confirm the repair & service facilities, availability of spare parts etc, of the equipments supplied by them.
   8. Acceptance of tender for the supply of equipment on the invitation will be subject to tenderers certifying that they have adequate servicing and spare parts facilities in respect of the equipment tendered for by them or that they shall arrange to provide such facilities simultaneously with the supply of the equipment.
9. Tenderers shall also undertake that supplies of necessary maintenance equipment and spare parts will be made available for useful life of the equipment on a continuous basis.

10. Tender evaluation will involve recording and analyzing the merits of each tender. The process will start with preparation of “Technical Comparative Statement” based on product offered statement and other documents furnished by bidders incorporating the commercial terms offered. Comprehensive analysis of the techno – commercial offer will form the basis for subsequent decision.

11. The catalogue/ leaflets /Pamphlets etc of the product offered should be submitted along with the tender.

12. The Director of Soil Survey & Soil Conservation reserves the right to award the full quantity of supply to any one supplier or distribute the supply to different suppliers or to change the quantity of supply without assigning reasons thereof.

13. The undersigned has the right to add or relax any of the terms and conditions as per requirement and expert opinion.

14. EMD, Cost of Tender form + GST should be made as a single payment through online.

15. The payment shall be released to the bidder only after satisfying the qualities and specifications of the item supplied.

16. If required, demonstration shall be conducted at the cost of the tenderer before the technical/expert committee constituted for the purpose to finalize the selection and the decision of the technical committee will be final and binding.

17. Tender received incomplete in any respect will be summarily rejected and decision of the undersigned on such matters will be final.

18. Bidders can avail the opportunity of the Pre-bid meeting arranged by the department to clarify their doubts.

19. Any legal disputes that may arise in relation to the e-tender to the formalities will be restricted to the jurisdiction of Thiruvananthapuram District Court.

20. **The Director of Soil Survey & Soil Conservation reserves full right to cancel the tender if required without citing any reason on administrative ground.**

**Communications to be addressed to:**

Directorate of Soil Survey & Soil Conservation,
Centre Plaza, Vazhuthacaud,
Thiruvananthapuram, Pin code - 6950014,
Phone : 0471/2339899/0471-2339800
ANNEXURE- I
DEPARTMENT OF SOIL SURVEY & SOIL CONSERVATION
ITEMS AND SPECIFICATIONS REQUIRED FROM BIDDERS

1. Desktop Computer with accessories
   Usage: Use of word processing, spreadsheets, e-mail, WWW browsing, web based applications and heavy e-governance applications.
   • Processor
   • Intel i3 7th Generation or Higher with Minimum Base frequency of 3.5GHz. TDP: 65W or lower
   Or
   • AMD A10 7th Generation or Higher with Minimum Base frequency of 3.5GHz. TDP: 65W or lower
   • Chipset: compatible Chipset
   • Motherboard: OEM Motherboard
   • Memory: 4GB DDR4 RAM with 8 GB Expandability.
   • Hard Disk Drive: 500 GB 7200 rpm or higher.
   • Monitor: 47 cm (18.5 inch) or larger TFT/LED Digital Colour Monitor same make as PC
   • Keyboard: USB interface. Keyboard. Same make as PC.
   • Mouse: Optical with USB interface. Same make as PC.
   • Chassis: SFF
   • Ports: 4 USB Ports or more (at least 1 USB with 3.0 and two ports in front panel), VGA/HDMI port, Audio Ports.
   • Optical Drive: 8X or better DVD RW Drive.
   • Networking facility: 10/100/1000 on board Integrated Network Port.
   • Certifications:
     a. ROHS Compliance for Product
     b. ISO 14001 for OEM
     c. EPEAT Silver for model quoted
     d. Warranty: 5 year comprehensive on-site warranty including Monitor
   • Operating System: As per department requirement

2. UPS
   • Type: Online, Line Interactive
   • 1 KVA UPS
   • Input Connections: India 3-pin 6A
   • Input Frequency: 50 Hz +/- 1 Hz
   • Input Voltage range for main operations: 145-290 V
• Audio Alarm
• RoHS Complaint
• Output Connections: Minimum (3) India 3-pin 6A
• 3 years on-site warranty
• ERTL or equivalent Certified
• Minimum backup time of 15 minutes

3. Multifunctional Device
Type : Printer/Copier/Scanner
• Print Method : Monochrome Laser
• Paper handling : A4, Letter/Legal
• Paper capacity : 250 sheets +1 sheet manual tray
• LCD Display
• Supported OS : As per Department requirement.
• Memory size : 32 MB
• Duty Life Cycle : 10000 pages per month
• Features : Support for ADF and Auto Duplex
• Warranty : 3 year comprehensive onsite warranty

**Printer**
• Print Speed : 20PPM or above
• Print Resolution : 600x600dpi
• Laser Monochrome

**Copier**
• Resolution(copier) : 600x600dpi
• Reduction/ Enlargement : 25%- 400%

**Scanner**
• Scan : Colour, Greyscale,Monochrome
• Scan resolution : Minimum 600x600dpi
• Scan type : Flatbed and ADF
• Scan to PC, Scan to SFTP facilities
• Scan formats :PDF,Searchable PDF,JPEG,JGP,PNG

**Interfaces**
Local: Hi-Speed USB 2.0
Network : 10 Base-T/100 Base –TX Ethernet
Sharing facilities: Network printer sharing, network scanner sharing
4. Laptop

Usage: Use of word processing, spreadsheets, e-mail, WWW browsing, web based applications and heavy e-governance applications.

- Processor
- Intel i3 7th Generation or Higher with Minimum Base frequency of 3.5GHz. TDP: 65W or lower

Or

- AMD A10 7th Generation or Higher with Minimum Base frequency of 3.5GHz. TDP: 65W or lower

- Chipset: compatible Chipset
- Motherboard: OEM Compatible
- Memory: 4GB DDR4 RAM with 8 GB Expandability.
- Hard Disk Drive: 500 GB 7200 rpm or higher.
- Display: LED Backlist Display
- Display Size: 14”-15.6” (As per Dept. requirement)
- Resolution: 1366X768 WXGA or Higher
- Wireless connectivity: Integrated wireless b/g/n, Integrated Bluetooth
- Optical Writer: Integrated DVD Writer 8X or above
- Speaker: Integrated Stereo Speaker
- Keyboard: Keyboard with Touch Pad
- Camera: Integrated
- Audio: Integrated
- Expansion Port: 3 USB Ports (Minimum One USB port should be USB 3.0), 10/100/1000 Ethernet Card, VGA/HDMI, 1 Head phone/Microphone combo or Separate & other
- Standard features
- Power Supply: 230V, 50Hz AC Supply with rechargeable Battery Pack comprising of Li-Ion/Li-Polymer battery suitable for minimum 4hrs operation complete with battery charger/adapter
- Mouse: Optical Scroll Mouse
- Carry Case: Backpack to be provided
- Weight: Weight less than or equal to 2.3 kg
- Warranty: 3 year comprehensive onsite warranty including battery and charger
- Certification:
  - a. ROHS Compliance for Product
  - EPEAT Silver for model quoted
- Operating System: As per department requirement.
5. Hard Disk

- Capacity – 1 TB
- Interface - USB 3.0 (USB 2.0 compatible)
- Transfer Rate – min 5Gbps
- Speed - 7200 RPM
- Cache –16 MB or above
- Warranty – 3 years

6. Antivirus (Desktop)

- Any commercially available renewable Antivirus software with one year validity
## ANNEXURE II (To be submitted by the bidder)

**Specifications for Purchase of Hardwares and Softwares**

**Name of the Bidder:**

<table>
<thead>
<tr>
<th>Tender Specification</th>
<th>Quoted as per specification as in Annexure I (Mark as X)</th>
<th>If no, specific remarks (if any)</th>
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<tbody>
<tr>
<td><strong>1. Desktop Computer with accessories</strong></td>
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<tr>
<td>• Processor - Intel i3 7th Generation or Higher with Minimum Base frequency of 3.5GHz. TDP: 65W or Lower Or AMD A10 7th Generation or Higher with Minimum Base frequency of 3.5GHz.</td>
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<tr>
<td>• Chipset : Compatible</td>
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<tr>
<td>• Motherboard : OEM Motherboard</td>
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<tr>
<td>• Memory:4GB DDR4 RAM with 8 GB Expandability.</td>
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<td>• Hard Disk Drive :500 GB 7200 rpm or higher.</td>
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<td>• Monitor:47 cm(18.5 inch) or larger TFT/LED Digital Colour Monitor same make as PC</td>
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<td>• Keyboard: USB interface.Keyboard.Same make as PC.</td>
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<td>• Mouse : Optical with USB interface.Same make as PC.</td>
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<td>• Chassis :SFF</td>
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<tr>
<td>• Ports:4 USB Ports or more(at least 1 USB with 3.0 and two ports in front panel), VGA/HDMI port,Audio Ports.</td>
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<td>• Optical Drive:8X or better DVD RW Drive.</td>
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<tr>
<td>• Certifications:</td>
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<td>e. ROHS Compliance for Product</td>
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<tr>
<td>f. ISO 14001 for OEM</td>
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<tr>
<td>g. EPEAT Silver for model quoted</td>
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<tr>
<td>h. Warranty : 5 year comprehensive on-site warranty including Monitor</td>
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<td>• Operating System: As per department</td>
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</tbody>
</table>
## 2. UPS

- Type: Online, Line Interactive
- 1 KVA UPS
- Input Connections: India 3-pin 6A
- Input Frequency: 50 Hz +/- 1 Hz
- Input Voltage range for main operations: 145-290 V
- Audio Alarm
- RoHS Complaint
- Output Connections: Minimum (3) India 3-pin 6A
- 3 years on-site warranty
- ERTL or equivalent Certified
- Minimum backup time of 15 minutes

## 3. Multifunctional Device

**Type**: Printer/Copier/Scanner

- Print Method: Monochrome Laser
- Paper handling: A4, Letter/Legal
- Paper capacity: 250 sheets +1 sheet manual tray
- LCD Display
- Supported OS: As per Department requirement.
- Memory size: 32 MB
- Duty Life Cycle: 10000 pages per month
- Features: Support for ADF and Auto Duplex
- Warranty: 5 year comprehensive onsite warranty

### Printer

- Print Speed: 20PPM or above
- Print Resolution: 600x600dpi
- Laser Monochrome

### Copier

- Resolution(copier): 600x600dpi
- Reduction/Enlargement: 25% - 400%
**Scanner**
- Scan: Colour, Greyscale, Monochrome
- Scan resolution: Minimum 600x600dpi
- Scan type: Flatbed and ADF
- Scan to PC, Scan to SFTP facilities
- Scan formats: PDF, Searchable PDF, JPEG, JPG, PNG

**Interfaces**
- Local: Hi-Speed USB 2.0
- Network: 10 Base-T/100 Base-TX Ethernet
- Sharing facilities: Network printer sharing, network scanner sharing

### 4. Laptop
- **Processor**
  - Intel i3 7th Generation or Higher with Minimum Base frequency of 2.3GHz.
  - TDP: 15W or lower
  
  Or
  - AMD A10 7th Generation or Higher with Minimum Base frequency of 2.3GHz.
  - TDP: 15W or lower

- **Chipset:** Compatible Chipset
- **Motherboard:** OEM Compatible
- **Memory:** 4GB DDR4 RAM with 8 GB Expandability.
- **Hard Disk Drive:** 500 GB 7200 rpm or higher.
- **Display:** LED Backlist Display
- **Display Size:** 14”-15.6” (As per Dept. requirement)
- **Resolution:** 1366X768 WXGA or Higher
- **Wireless connectivity:** Integrated wireless b/g/n, Integrated Bluetooth
- **Optical Writer:** Integrated DVD Writer 8X or above
- **Speaker:** Integrated Stereo Speaker
- **Keyboard:** Keyboard with Touch Pad
- **Camera:** Integrated
- **Audio:** Integrated
- **Expansion Port:** 3 USB Ports (Minimum One USB port should be USB
3.0), 10/100/1000 Ethernet Card, VGA/HDMI, 1 Headphone/Microphone combo or Separate & other Standard features
- Power Supply: 230V, 50Hz AC Supply with rechargeable Battery Pack comprising of Li-Ion/Li-Polymer battery suitable for minimum 4hrs operation complete with battery charger/adapter
- Mouse: Optical Scroll Mouse
- Carry Case: Backpack to be provided
- Weight: Weight less than or equal to 2.3 kg
- Warranty: 3 year comprehensive onsite warranty including battery and charger
- Certification:
  a. ROHS Compliance for Product
  b. EPEAT Silver for model quoted
- Operating System: As per department requirement.

5. Hard Disk
- Capacity – 1 TB
- Interface - USB 3.0 (USB 2.0 compatible)
- Transfer Rate – min 5Gbps
- Speed - 7200 RPM
- Cache – 16 MB or above
- Warranty – 3 years

7. Antivirus (Desktop)
- Any commercially available renewable Antivirus software with one year validity

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Name and Designation of the Authorized Signatory