TENDER NOTICE

Ref No. Fin (2) 17966/16/SN

Department of Soil Survey and Soil Conservation
Government of Kerala

Invites E-tenders from reputed manufacturers / dealers / suppliers for
Procuring and display of exhibits and interactive display in the Soil
Museum, Thiruvananthapuram.

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.keralasoils.gov.in) between
2nd February to 16th February 2017. The cost of the tender form is Rs.
5,250/- (inclusive of VAT).

A Pre-bid meeting will be held on 13th February 2017 at 3 PM in the
Directorate of Soil Survey and Soil Conservation, Vazhuthacaud,
Thiruvananthapuram. The last date for the submission of E-tenders with all
prescribed documents is 3PM on 17th February 2017. Technical bids will
be opened at 4 PM on 17th February 2017 in the presence of representatives
of bidders.
GOVERNMENT OF KERALA

DEPARTMENT OF SOIL SURVEY & SOIL CONSERVATION

Directorate of Soil Survey & Soil conservation
Vazhuthacaud, Thiruvananthapuram-14
Phone: 0471 – 2339899, 2339800, Fax: 0471 – 2338500

No. Fin (2) 17966/16/SN Dated: 02.02.2017

TENDER NOTICE

Notice inviting e-Tender for the **Procuring and display of exhibits and interactive display in the Soil museum, Thiruvananthapuram.**

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 for Procuring and display of exhibits and interactive display in the Soil museum, Thiruvananthapuram. The rules and regulations prescribed for e-tender by the Govt. of Kerala shall be applicable to this e-tender also.

2. **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](http://www.etenders.kerala.gov.in)) or from the Department of Soil Survey and Soil Conservation website ([www.keralasoils.gov.in](http://www.keralasoils.gov.in)). The cost of the tender form is Rs. 5,250/- (inclusive of VAT). The Earnest Money Deposit is Rs. 20,000- (Rupees Twenty thousand only). The cost towards the tender form and EMD shall be remitted through online mode only.

3. **Pre-bid meeting and Opening of Bids:** A Pre-bid meeting will be held on **13th February 2017 (Friday) at 3 PM** in the Directorate of Soil Survey and Soil Conservation, Centre Plaza, Vazhuthacaud, Thiruvananthapuram. The last date for the submission of E-tenders with all prescribed documents is **3PM on 17th February 2017**. Technical bids will be opened at **4 PM on 20th February 2017** in the presence of representatives of bidders. 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.

4. **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/

5. **Validity and Currency of Bids:** All bids shall hold good for acceptance for a minimum of 90 days from the date of closing the tender. The rates should be quoted in Indian currency only.

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

7. **Mode of Payment:** The bidder desiring to take part in the bid shall log into 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 Travancore. There are two options – (1) State bank of Travancore (SBT Net banking payment) and (2) Payment through NEFT from other banks to the payment gateway of SBT.

8. **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 ‘*Procuring and display of exhibits and interactive display in the Soil museum, Thiruvananthapuram*’ for strengthening state soil museum intended for supply.

9. **Agreement:** Scanned copy of the agreement in the prescribed format in Kerala Stamp paper worth Rs. 200/- should be submitted online.

10. **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 the items within thirty days from the receipt of the supply order.

13. **Other Terms and Conditions**

   1. The manufacturer or their authorized dealers, firms already in the field are eligible to participate in the tender and necessary documents are to be produced along with tender.

   2. The quoted rates should be inclusive of all taxes, cess etc.

   3. The rate should be inclusive of transportation, handling or any other cost of supply at the site or as per the direction from the Director, Department of Soil Survey and Soil Conservation.
4. The supplier should set up the exhibits and models at the Soil museum, Parottukonam, Thiruvananthapuram and should bear the labour charges and electrification works.

5. The supplier should provide repair & service facilities for a period of three years and ensure availability of spare parts etc., of the products supplied by them for a period of ten years.

6. Acceptance of tender for the supply of items on the invitation will be subject to tenderers certifying that they have adequate servicing and spare part facilities in respect of the products supplied by them or that they shall arrange to provide such facilities.

7. Tenderers shall also undertake that supplies of necessary maintenance of items and spare parts will be made available for prolonged life of the items.

8. 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.

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

10. A minimum warranty period of three year is to be provided by the bidder for the items supplied.

11. The Director of Soil Survey and 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. The Director of Soil Survey and Soil Conservation reserves the right to cancel the tender without assigning any reason.

12. The Director of Soil Survey and Soil Conservation has the right to add or relax any of the terms and conditions as per requirement and expert opinion.

13. EMD, Cost of Tender form + VAT etc. should be made as a single payment through online mode.

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

15. Incomplete tenders will be summarily rejected and the decision of the Director of Soil
Survey and Soil Conservation on such matters will be final.

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

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

Director

Department of Soil Survey and Soil Conservation
Soil Erosion Model & Soil Conservation Methods

724 cm

ROOM 1

Soil Erosion Model
206 Sq. Feet

6'x2'-7 No.

Soil Conservation Methods
Soil Analysis

3’x2’ - 6 No.

ROOM IIA

Soil Analysis
Soil Pollution

634 cm

ROOM IV
Soil Erosion - 3D

- landslide
- debris flow
- mudflow
- sheet and rill erosion
- gully formation
- soil creep

Steep slopes
Topography
Shallow
SUSTAINABLE AGRICULTURE Area: 750 sq. ft

- Coconut: Area: 75 sq. ft
- Coconut + Pepper: Brushwood checkdam
- Live fencing
- Farm House: Area: 200 sq. ft
- Cattle shed: 50 sq. ft
- Goat House: 25 sq. ft
- Gobang: plant 25 sq. ft
- Paddy Field: Area: 200 sq. ft
- Live fencing
- Solar Panel
- Fish Pond: Area 20 sq. ft
- Poultry shed
- Vegetable cultivation with drip irrigation: Area: 50 sq. ft

Paneling using Bamboo mat.
## ANNEXURE I
STATE SOIL MUSEUM—EXHIBITS AND MODELS

ITEMS AND SPECIFICATIONS REQUIRED FROM BIDDERS

<table>
<thead>
<tr>
<th>Sl. NO</th>
<th>Item</th>
<th>Specifications</th>
<th>No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>I.</td>
<td><strong>ACRYLIC DISPLAYS WITH LED</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1.1</td>
<td>Back light transparency – size 6’ X 2’</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>a. No. of LED tubes</td>
<td>Size 2’ of 30 watt 40 nos.</td>
<td>19</td>
</tr>
<tr>
<td></td>
<td>b. Thickness of Acrylic sheets</td>
<td>6 mm</td>
<td></td>
</tr>
<tr>
<td></td>
<td>c. Color of acrylic sheets</td>
<td>Clear sheets</td>
<td></td>
</tr>
<tr>
<td></td>
<td>d. Frame</td>
<td>Frameless</td>
<td></td>
</tr>
<tr>
<td></td>
<td>e. Type</td>
<td>Fixing in Multiwood panels</td>
<td></td>
</tr>
<tr>
<td></td>
<td>f. Print</td>
<td>High quality vinyl print</td>
<td></td>
</tr>
<tr>
<td>1.2</td>
<td>Back light transparency – size 3’ X 2’</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>a. Thickness of Acrylic sheets</td>
<td>6 mm</td>
<td>23</td>
</tr>
<tr>
<td></td>
<td>b. Color of acrylic sheets</td>
<td>Clear sheets</td>
<td></td>
</tr>
<tr>
<td></td>
<td>c. No. of LED bulbs</td>
<td>20 watt 50 nos.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>d. Type</td>
<td>Fixing in Multiwood panels/wall mount</td>
<td></td>
</tr>
<tr>
<td></td>
<td>f. Print</td>
<td>High quality vinyl print</td>
<td></td>
</tr>
<tr>
<td>1.3</td>
<td><strong>Micro nutrients – Display of micro nutrient deficiency symptoms in plants in hanging acrylic display with LED</strong></td>
<td>A3 (4x3 in hanging mode)</td>
<td>1 set (12 no)</td>
</tr>
<tr>
<td></td>
<td>a. Thickness of Acrylic sheets</td>
<td>6 mm</td>
<td></td>
</tr>
<tr>
<td></td>
<td>b. Color of acrylic sheets</td>
<td>Clear sheets</td>
<td></td>
</tr>
<tr>
<td></td>
<td>c. Height</td>
<td>7’ size A3(1.5x1)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>d. No. of LED bulbs</td>
<td>20 watt 24 nos.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>e. Type</td>
<td>Hanging</td>
<td></td>
</tr>
<tr>
<td></td>
<td>f. Print</td>
<td>High quality vinyl print</td>
<td></td>
</tr>
<tr>
<td>1.4</td>
<td><strong>Acrylic pedestal display with LED</strong></td>
<td>To be placed near the help desk indicating second floor exhibits as guide map for the visitors</td>
<td>1</td>
</tr>
<tr>
<td></td>
<td>a. Thickness of Acrylic sheets</td>
<td>6 mm</td>
<td></td>
</tr>
<tr>
<td></td>
<td>b. Color of acrylic sheets</td>
<td>Clear sheets</td>
<td></td>
</tr>
<tr>
<td></td>
<td>c. Type</td>
<td>pedestal</td>
<td></td>
</tr>
<tr>
<td></td>
<td>d. No. of LED tubes</td>
<td>size 2’ of 30 watt 2 no</td>
<td></td>
</tr>
<tr>
<td></td>
<td>e. Print</td>
<td>High quality vinyl print</td>
<td></td>
</tr>
<tr>
<td>1.5</td>
<td><strong>Target organ - heavy metal toxicity - Graphics - human figure with back light showing target organs</strong></td>
<td>A3 (4x3 in hanging mode)</td>
<td>1</td>
</tr>
<tr>
<td></td>
<td>a. Thickness of Acrylic sheets</td>
<td>6 mm</td>
<td></td>
</tr>
<tr>
<td></td>
<td>b. Color of acrylic sheets</td>
<td>Clear sheets</td>
<td></td>
</tr>
<tr>
<td></td>
<td>c. Type</td>
<td>pedestal</td>
<td></td>
</tr>
</tbody>
</table>
### MODEL I—TYPES OF SOIL EROSION-3D LIVE MODEL -

**Sheet erosion, Rill erosion, Gully erosion, Landslide**

**Area**: 206 sq.feet (length 24 feet diagonally in Room I; 5 feet elevation showing landslide (steep slope); 4 feet elevation showing mudflow; gully erosion, rill and sheet erosion in the shallow slope-1 feet elevation)

<table>
<thead>
<tr>
<th>Serial No.</th>
<th>Items and specification</th>
</tr>
</thead>
</table>
| 1.         | **Taskboard & outer frame**  
Task board Material: fiber; Area: 206 sq.feet (24 feet diagonally, 20 feet left side and 22 feet at the backside)  
Outer frame—Multiwood (22 feet length & 5 feet height on steep slope, 4 feet height for mudflow, 1 feet for gully, sheet and rill erosion) |
| 2.         | **Scenic elements -3D----figures (people), trees, bushes road and other features ---help the observer to obtain a correct feel of scale and proportions represented by the model.**  
Materials: Red soil, clay, plaster of paris, rubber, wooden and wooden-plastic composites  
**Types of erosion**: Red soil, clay, plaster of paris, rubber, wooden and wooden-plastic composites |
### 3. Water circulation System and rainfall

A water circulating device of capacity 20 litres that enables re-circulation of water

<table>
<thead>
<tr>
<th>a.</th>
<th>Water carrying polythene tubes/pipes that passes through the entire system – length 50 meters and diameter 1 cm/1.5 cm</th>
</tr>
</thead>
<tbody>
<tr>
<td>b.</td>
<td>Creation of rain with sound effects on select and play mode</td>
</tr>
<tr>
<td>c.</td>
<td>Provision of Landslide mechanism with sound effects on select and play mode</td>
</tr>
<tr>
<td>d.</td>
<td>Live Gully erosion with sound effects on select and play mode</td>
</tr>
</tbody>
</table>

### 4. Electrical works

Remote selection device for each type of erosion

- **Focal lights** – 30 watt 20 no.
- **Audio narration** – bilingual in English & Malayalam with separate inbuilt speakers
- Other electric works and accessories (including labour charges)

### MODEL II: FISH POND-3D

1. Pond for fish rearing with pedestal information board

<table>
<thead>
<tr>
<th>a.</th>
<th>Pond size-3*3 feet</th>
</tr>
</thead>
<tbody>
<tr>
<td>b.</td>
<td>Material—Fiber, soil, clay</td>
</tr>
<tr>
<td>c.</td>
<td>Pedestal information board—acrylic of size 4*3 feet</td>
</tr>
</tbody>
</table>

### MODEL III: SUSTAINABLE AGRICULTURE -3D MODEL

**Area:** 750 sq.feet,

- **Key components of sustainable Agriculture:** Soil Management, crop management, water management, disease/pest management, waste management.

**Life size model of farm family,** farm house, cattle shed and cattle, poultry with birds, goat house with goats, fish and duck farming, two ponds, paddy land, homestead system showing coconut, areca nut, pepper, banana, pine apple, fodder grass, vegetable cultivation near fish pond, solar panels for lifting water for irrigation, bio gas unit, roof water harvesting, grassed waterways, drip irrigation, check dams, moisture conservation pits for rain water harvesting

1. **Farm house**  
   - Two side view as per drawing  
   - Material: Soil, clay and bamboo sticks, Tiled roof  
   - Area: 200 sq.feet; ht.8 feet  
   - Farmer: 5.5 feet tall made of plaster of Paris/rubber, clay  
   - Farm woman: 5 feet tall made of plaster of Paris/rubber and clay (life size)

2. **Cattle shed with cattles**  
   - Material: Thatched slanting roof supported by bamboo poles  
   - Area: 50 sq.feet  
   - Cattles: 2 No. (Life Size) Mother cow - 1 no of size 5 feet length; Calf – 1 no of size 2.5 feet length  
   - Material: plaster of Paris/rubber and clay

3. **Goat House with Goats**  
   - Material: Thatched slanting roof supported by poles and bamboo stick  
   - Area: 25 sq.feet
<table>
<thead>
<tr>
<th>No.</th>
<th>Description</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>Goats</td>
<td>2 No. (Life Size) Mother goat-1 of size 2.5 feet length</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Lamb–1 no of size 1.5 feet length</td>
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<tr>
<td></td>
<td></td>
<td>Material: made of plaster of Paris/rubber and clay</td>
</tr>
<tr>
<td>2.</td>
<td>Poultry shed with birds</td>
<td>Material: small wooden reapers/bamboo sticks</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Area: 18 sq.feet</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Birds (life size) :5 no. made of plaster of Paris/rubber and clay</td>
</tr>
<tr>
<td>3.</td>
<td>Gobar Gas Unit</td>
<td>Fixed doom design –prototype of size 2 feet diameter made of brick with Other connecting</td>
</tr>
<tr>
<td></td>
<td></td>
<td>accessories</td>
</tr>
<tr>
<td>4.</td>
<td>Duck House Pool (Thallakulam)</td>
<td>Pool area 50 sq.feet made of plaster of paris, clay, soil, fiber</td>
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<tr>
<td></td>
<td></td>
<td>Duck House of size 35 sq.feet accommodating 10 ducks</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Birds(life size) :10 no. made of plaster of Paris/rubber and clay</td>
</tr>
<tr>
<td>5.</td>
<td>Pisciculture:</td>
<td>Pond size:20 sq.feet made of plaster of paris, clay, soil, fiber</td>
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<tr>
<td></td>
<td></td>
<td>Fishes : rubber ,fiber</td>
</tr>
<tr>
<td>6.</td>
<td>Harvesting Solar Energy</td>
<td>Solar panels—Metal board resembling solar panels of size 2*1.5 feet</td>
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<tr>
<td></td>
<td></td>
<td>A Metal Pole of length 3 meters length</td>
</tr>
<tr>
<td>7.</td>
<td>Vegetable Garden;</td>
<td>Area:50 sq feet area with leafy and other vegetables . Flowers and plants should look real.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Drip irrigation tubes (low cost)and accessories</td>
</tr>
<tr>
<td>8.</td>
<td>Pepper trailed on coconut</td>
<td>Area:75 sq. feet area --- coconut and pepper trailed on it. Flowers and plants should look real.</td>
</tr>
<tr>
<td>9.</td>
<td>Paddy cultivation in wetlands</td>
<td>Area:200 sq.feet paddy cultivation with drainage canals. Flowers and plants should look real.</td>
</tr>
<tr>
<td>10.</td>
<td>Stone pitched contour bunds</td>
<td>in Fruit tree growing area</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Area:60 sq.feet</td>
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<tr>
<td></td>
<td></td>
<td>Trees: Nutmeg,cahew,Banana,pine apple. Flowers and plants should look real.</td>
</tr>
<tr>
<td>11.</td>
<td>Brushwood check dam</td>
<td>in Coconut+Pepper area using earth,vegetation and stones</td>
</tr>
<tr>
<td>12.</td>
<td>Rain water harvesting Moisture conservation pits</td>
<td>10 no.in the fruit tree area</td>
</tr>
<tr>
<td>13.</td>
<td>Centripetal terracing in coconut</td>
<td>with organic mulching using coconut husk</td>
</tr>
<tr>
<td>14.</td>
<td>Paneling covering the window area using mat</td>
<td>preferably bamboo mat</td>
</tr>
<tr>
<td>15.</td>
<td>High quality Vinyl printing</td>
<td>fruit trees ,coconut plantation as background view affixed over the mat</td>
</tr>
</tbody>
</table>
**ANNEXURE II (To be submitted by the bidder)**

**Specifications for Procuring of exhibits and interactive display in the soil museum**

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>
</tr>
</thead>
<tbody>
<tr>
<td><strong>1. Acrylic Displays with LED</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1.1. Back light transparency with size 6x2’</td>
<td></td>
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</tr>
<tr>
<td>1.2. Back light transparency -size 3’ X2</td>
<td></td>
<td></td>
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<tr>
<td>1.3. Micro nutrients - Display of micro nutrient deficiency symptoms in plants in hanging acrylic display with LED</td>
<td></td>
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<tr>
<td>1.4. Acrylic pedestal display with LED</td>
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<tr>
<td><strong>1.5. Target organ - heavy metal toxicity - Graphics -human figure with back light showing target organs</strong></td>
<td></td>
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</tr>
<tr>
<td>1.6. Soil pollution-sources -- Backlight acrylic display with LED</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>2. PHOTO PANELLING</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2.1. Multiwood Panelling and Welding with size 24 x 8’</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2.2. Multiwood Panelling and Welding with size 20 x 8’</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
### Multiwood Panelling and Welding with size

<table>
<thead>
<tr>
<th></th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>2.3</td>
<td>15x8’</td>
</tr>
<tr>
<td>2.4</td>
<td>12x8’</td>
</tr>
<tr>
<td>2.5</td>
<td>10x8’</td>
</tr>
<tr>
<td>2.6</td>
<td>16x8’</td>
</tr>
<tr>
<td>2.7</td>
<td>11x8’</td>
</tr>
<tr>
<td>2.8</td>
<td>8x8’</td>
</tr>
<tr>
<td>2.9</td>
<td>21x8’</td>
</tr>
</tbody>
</table>

### ELECTRIC WORKS

<table>
<thead>
<tr>
<th></th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>3.1</td>
<td>Audio- narration units (LED scroller of size 3 width &amp; 6’ht)</td>
</tr>
<tr>
<td>3.2</td>
<td>Audio Recording ------ Bilingual (English &amp; Malayalam) - Script will be provided by the department</td>
</tr>
<tr>
<td>3.3</td>
<td>Audio system for the audio narration</td>
</tr>
<tr>
<td>3.4</td>
<td>Electrical accessories inclusive of taxes</td>
</tr>
</tbody>
</table>

### MODELS

<table>
<thead>
<tr>
<th></th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>4.1</td>
<td>MODEL I—TYPES OF SOIL EROSION-3D LIVE MODEL- Sheet erosion, Rill erosion, Gully erosion, Landslide</td>
</tr>
</tbody>
</table>

Area: 206 sq. feet (length 24 feet diagonally in Room I; 5 feet elevation showing landslide (steep slope); 4 feet elevation showing mudflow; gully erosion, rill and sheet erosion in the shallow slope; 1 feet elevation)
<table>
<thead>
<tr>
<th>4.2 Pond for fish rearing with pedestal information board acrylic display with size 3x3’</th>
</tr>
</thead>
<tbody>
<tr>
<td>4.3 MODEL III: SUSTAINABLE AGRICULTURE - 3D MODEL: Area: 750 sq. feet, Key components of sustainable Agriculture- Soil Management, crop management, water management, disease/pest management, waste management. Life size model of farm family, farm house, cattle shed and cattle, poultry with birds, goat house with goats, fish and duck farming, two ponds, paddy land, homestead system showing coconut, areca nut, pepper, banana, pine apple, fodder grass, vegetable cultivation near fish pond, solar panels for lifting water for irrigation, bio gas unit, roof water harvesting, grassed waterways, drip irrigation, check dams, moisture conservation pits for rain water harvesting</td>
</tr>
</tbody>
</table>
FORM OF TENDER

To
The Director,
Directorate of Soil Survey and Soil Conservation, Centre Plaza,
Vazhuthacaud, Thiruvananthapuram,
Kerala - 695 014.

Sir,

I/We hereby tender to supply, under the annexed general conditions of contract, the whole of the articles referred to and described in the attached specification and schedule, or any portion thereof, as may be decided by Government, at the rates quoted against each item. The articles will be delivered within the time and at the places specified in the schedule.

* I am/We are remitting/have remitted the required amount of Rs...................... as earnest money.

Yours faithfully,

(Signature) ____________________________________________
(Address) ____________________________________________
____________________________________________________
____________________________________________________
____________________________________________________

Date -------------------

* To be scored off in case where no Earnest Money Deposit is furnished.
Sealed tenders are invited for the supply of the materials as specified in the schedule below/attached:-

1. The tenders should be addressed to the officer mentioned below in a sealed cover with the tender number and name shown below duly superscribed on the cover.

2. The tenders should be in the prescribed form which can be obtained from the officer mentioned below on payment of the price which is also noted below. Duplicate copies of tender forms will also be issued at the rate specified below. The cost of tender forms once paid will not be refunded. Tenders which are not in the prescribed form are liable to be rejected. The rates quoted should be only in Indian currency. Tenders in any other currency are liable to rejection.

3. Intending tenderers should send their tenders so as to reach the officer mentioned below, on due date and time (noted below). No tender received after the specified date and time will be accepted on any account. The rates will be considered firm for acceptance till the date mentioned below. Tenders not stipulating period of firmness and tenders with price variation clause and/or 'subject to prior sale' condition are liable to be rejected.

4. (a) Every tenderer who has not registered his name with the State Government (Stores Purchase Department), should send along with his tender, an earnest money of one percent of the total cost of articles tendered for (rounded to the nearest rupee) subject to a minimum of Rs.30/- if the amount calculated at one percent of the value of the articles tendered for falls below Rs.30/-. The amount may be paid either by remittance into any Government Treasury in chalans in duplicate, duly countersigned by the Officer mentioned below, or by Demand Drafts (crossed) on the local branch of State Bank of Travancore/State Bank of India drawn in favour of the officer mentioned below. In the case of remittance into the treasury, chalan receipt should be forwarded along with the tender. Cheques will not be accepted. The earnest money of the unsuccessful tenderers will be returned as soon as possible after the tenders are settled; but that of the successful tenderer will be adjusted towards the security that will have to be deposited for the satisfactory fulfillment of the contract. No interest will be paid for the earnest money deposited.

(b) Tenderers whose names are registered with Government (Stores Purchase Department) are generally exempted from furnishing earnest money for such articles for which they have registered their names. If they tender for stores other than those for which they have registered their names they will have to furnish earnest money as in the case of unregistered firms. Registered firms will have to quote invariably in every tender they submitted the registration number assigned to them by the Stores Purchase Department.

(c) Small Scale Industries and Cottage Industries within the State, which are certified as such by the Director of Industries and Commerce or by the Regional Joint Director of Industries and Commerce will be exempted from furnishing earnest money against tenders and security deposit against contracts for supply of stores manufactured by them. In respect of security deposits the soundness and reliability of the concerns to undertake the contracts should also be certified by the Director of Industries and Commerce.

(d) In the matter of purchase of stores by the State Government Departments, Small Scale Industrial Units sponsored by the National Small Industries Corporation Limited, New Delhi and in respect of which Competency Certificates are issued by the Corporation will be exempted from payment of Earnest Money Deposit and Security Deposit.

(e) The exemption stipulated in clauses (b), (c) and (d) above will not however, apply to tenders for the supply of raw materials, or dietary articles or supply of stores on rate or running contract basis.

5. The tenders will be opened on the appointed day and time in the office of the undersigned, in the presence of such of those tenderers or their nominees who may be present at that time.

6. If any tenderer withdraws from his tender before the expiry of the period fixed for keeping the rates firm for acceptance, the earnest money, if any, deposited by him will be forfeited to Government or such action taken against him as Government thinks fit.

7. Tenderers shall invariably specify in their tenders the delivery conditions including the time required for the supply of articles tendered for.

8. (a) The Tenderers shall clearly specify whether the articles offered bear Indian Standards Institution Certification Mark or not. In such cases, they shall produce copies of certification mark along with their tender in support of it.

(b) Tenderers shall clearly specify whether the goods are offered from indigenous sources, from imported stocks in India or from foreign sources to be imported under a licence. Government reserve the right to reject offers for import of goods if the Import Trade Control Policy in force at the time of award of the contract prohibits or restricts such imports.

9. The final acceptance of the tenders rests entirely with the Government who do not bind themselves to accept the lowest or any tender. But the tenderers on their part should be prepared to carry out such portion of the supplies included in their tenders as may be allotted to them.

10. In the case of materials of technical nature the successful tenderer should be prepared to guarantee satisfactory performance for a definite period under a definite penalty.

11. Communication of acceptance of the tender normally constitutes a concluded contract. Nevertheless, the successful tenderer shall also execute an agreement for the due fulfillment of the contract within the period to be specified in the letter of acceptance. The contractor shall have to pay all stamp duty, lawyer's charges and other expenses incidental to the execution of the agreement. Failure to execute the agreement within the period specified will entail the penalties set out in para 12 below.

12. (a) The successful tenderer shall, before signing the agreement and within the period specified in the letter of acceptance of his tender, deposit a sum equivalent to 5 percent of the value of the contract as security for the satisfactory fulfillment of the contract less the amount of money deposited by him along with his tender. The amount of security may be deposited in the manner prescribed in clause 4 supra or in Government Treasury Savings Bank and the Pass Book pledged to Purchasing Officer or in Fixed Deposit Receipts of State Bank of Travancore/State Bank of India endorsed in favour of the above Officer. Letters of guarantee in the prescribed form for the amount of security from an approved Bank will also be considered enough at the discretion of Government. If the successful tenderer fails to de-
posit the security and execute the agreement as stated above, the earnest money deposited by him will be forfeited to Government and the contract arranged elsewhere at the defaulter’s risk and any loss incurred by Government on account of the purchase will be recovered from the defaulter who will, however, not be entitled to any gain accruing thereby. If the defaulter’s firm is a registered firm their registration is liable to be cancelled.

(b) In cases where a successful tenderer, after having made partial supplies fails to fulfil the contract in full, all or any of the materials not supplied may at the discretion of the Purchasing Officer be purchased by means of another tender/quotation or by negotiation or from the next higher tenderer who had offered to supply already and the loss, if any, caused to the Government shall thereby together with such sums as may be fixed by the Government towards damages be recovered from the defaulting tenderer.

(c) Even in cases where no alternate purchases are arranged for the materials not supplied the proportionate portion of the security deposit based on the cost of the materials not supplied at the rate shown in the tender of the defaulter shall be forfeited and balance alone shall be refunded.

13. The security deposit shall, subject to the conditions specified herein, be returned to the contractor within three months after the expiration of the contract, but in the event of any dispute arising between the Department concerned and the contractor, the Department shall be entitled to deduct out of the deposits or the balance thereof, until such dispute is determined, the amount of such damages, costs, charges and expenses as may be claimed. The same may also be deducted from any other sum which may be due at any time from Government to the contractor.

In all cases where there are guarantee for the goods supplied the security deposit will be released only after the expiry of the guarantee period.

14. (a) All payments to the contractors will be made by the Purchasing Officer in due course:-

(i) either by Departmental cheques payable at the Kerala Government Treasuries: or

(ii) by cheques or drafts on the Reserve Bank of India, State Bank of India and State Bank of Travancore (at any of their Principal Branches in India),

(iii) in the case of supplies from abroad by drafts as may be arranged between the contracting parties.

(b) All incidental expenses incurred by the Government for making payments outside the District in which the claim arises shall be borne by the contractor.

15. The tenderers shall quote also the percentage of rebate (discount) offered by them in case the payment is made promptly within fifteen days/within one month of taking delivery of stores.

16. Ordinarily payments will be made only after the supplies are actually verified and taken to stock but in exceptional cases, payments against satisfactory shipping documents including certificates of Insurance will be made up to 90 percent of the value of the materials at the discretion of Government. Bank charges incurred in connection with payment against documents through Bank will be to the account of the contractor. The firms will produce stamped pre-receipted invoices in all cases where payments (advance/final) for release of railway receipts/shipping documents are made through bank.

17. The contractor shall not assign or make over the contract or the benefit or burdens thereof to any other person or body corporate. The contractor shall not underlet or sublet to any person or persons or body corporate the execution of the contract or any part thereof without the consent in writing of the Purchasing Officer who shall have absolute power to refuse such consent or to rescind such consent (if given) at any time if he is not satisfied with the manner in which the contract is being executed and no allowance or compensation shall be made to the contractor or the sub-contractor upon such rescission. Provided always that if such consent be given at any time, the contractor shall not be relieved from any obligation, duty or responsibility under this contract.

18. (a) In case the contractor becomes insolvent, or goes into liquidation, or makes or proposes to make any assignment for the benefit of his creditors or proposes any composition with his creditors for the settlement of his debts, or carries on his business or the contract under inspection on behalf of his creditors, or in case any receiving order or orders for the administration of his estate are made against him, or in case the contractor shall commit any act of insolvency or in case in which under any clause or clauses of his contract the contractor shall have rendered himself liable to damages amounting to the whole of his security deposits, the contract shall thereupon, after notice given by the Purchasing Officer to the contractor be determined and the Department/Government may complete the contract in such time and manner and by such persons as the Department/Government shall think fit. But such determination of the contract shall be without any prejudice to any right or remedy of the Government against the contractor of his sureties in respect of any breach of contract theretofore committed by the contractor. All expenses and damages caused to Government by any breach of contract by the contractor shall be paid by the contractor to Government, and may recovered from him under the provisions of the Revenue Recovery Act in force in the State.

(b) The persons/contractors submitting tenders should produce a Solvency Certificate, clearly indicating to what extent they are solvent from the Tahsildar of the Taluk where they reside, along with their tenders.

Note:- The Solvency Certificate referred to above will apply only in the case of supply of the following articles viz., dietary articles, fuels, raw materials like roots, creepers, flowers, etc., and provisions to hospitals and hostels, sundry articles, etc.

19. (a) In case the contractor fails to supply and deliver any of the said articles and things, within the time provided for delivery of the same or in case the contractor commits any breach of any of the covenants stipulations and agreements herein contained, and on his part to be observed and performed then and in any such case, it shall be lawful for Government (if they shall think fit to do so) to arrange for the purchase of the said articles and things from elsewhere or on behalf of the Government by an order in writing under the hand of the Purchasing Officer put an end to this contract and in case the Government shall have incurred, sustained or been put to any costs, damages or expenses by reason of such purchase or by reason of this contract having been so put an end to or in case any difference in price, compensation, loss, costs, damages, expenses or other moneys shall then or any time during the continuance of this contract be payable by the contractor to the Government under and by virtue of this contract it shall be lawful for the Government from and out of any moneys for the time being payable or owing to the contractor from the Government under or by virtue of this contract or otherwise to pay and reim-
burse to the Government all such costs, damages and expenses they may have sustained, incurred or been put to by reason of the purchase made elsewhere or by reason of this contract having been so put an end to as aforesaid and also all such difference in price, compensation, loss, costs, damages, expenses and other moneys as shall for the time being be payable by the contractor aforesaid.

(b) In case any difference or dispute arises in connection with the contract, all legal proceedings relating to the matter shall be instituted in the Court within whose jurisdiction the Purchasing Officer voluntarily resides.

20. Any sum of money due and payable to the contractor (including security deposit returnable to him) under this contract may be appropriated by the Purchasing Officer or Government or any other person authorised by Government and set off against any claim of the Purchasing Officer or Government for the payment of a sum of money arising out of or under any other contract made by the contractor with the Purchasing Officer or Government or any other person authorised by Government. Any sum of money due and payable to the successful tenderer or contractor from Government shall be adjusted against any sum of money due to Government from him under any other contracts.

21. Every notice hereby required or authorised to be given may be either given to the contractor personally or left at his residence or last known place of abode or business or may be handed over to his agent personally, or may be addressed to the contractor by post at his usual or last known place of abode or business and if so addressed and posted shall be deemed to have been served on the contractor on the date on which, in the ordinary course of post, a letter so addressed and posted would reach his place of abode or business.

22. The tenderers shall undertake to supply materials according to the standard sample and/or specifications.

23. (a) No representation for enhancement of rates once accepted will be considered.

(b) In the case of imported goods, when the price accepted is the ex-site price quoted by the tenderer, the benefit of any reduction in the c.i.f. price should accrue to the purchasing department of Government.

24. Any attempt on the part of the tenderers or their agents to influence the Department/Stores Purchase Department in their favour by personal canvassing with the Officers concerned will disqualify the tenderers.

25. Tenderers should be prepared to accept orders subject to the penalty clause for forfeiture of security in the event of default in supplies or failure to supply within the stipulated period.

26. Samples should be forwarded if called for and unapproved samples got back by the tenderers at their own cost. Samples sent by V.P.Post or ‘freight to pay’ will not be accepted. The approved samples may or may not be returned at the discretion of the undersigned. Samples sent by post, railway or plane should be so despatched as to reach the Purchasing Officer not later than the date on which the tenders are due. In the case of samples sent by railway the receipt should be sent separately and not along with the tender since the tender will be opened only on the appointed day and demurrage will have to be paid if the railway parcels are not cleared in time. Government will not be responsible if any sample is found missing at any time due to the non-observance of the provisions of this clause. Tenderers whose samples are received late will not be considered. Samples should be forwarded under separate cover duly listed and the corresponding number of the item in the tender schedule should also be noted in the list of samples. Tenders for the supply of materials are liable to be rejected unless samples, if called for, of the materials tendered for are forwarded.

27. Telegraphic quotations will not be considered unless they give details of prices and are immediately followed by confirmation with full relevant details posted before the due date of the tender.

28. (a) The prices quoted should be inclusive of all taxes, duties, cesses, etc., which are or may become payable by the contractor under existing or future laws or rules of the country of origin/supply or delivery during the course of execution of the contract.

(b) In case payment of Customs/Excise Duty is to be made by the Purchasing Officer, the Purchasing Office will pay the duty on the “unloaded invoice price” only in the first instance, any difference being paid when the tenderer produces the final assessment orders later.

29. The tenderer will invariably furnish the following certificate with their bills for payment:

“Certified that the goods on which sales tax has been charged have not been exempted under the Central Sales Tax Act or the State Sales Tax Act or the Rules made thereunder and the charges on account of Sales Tax on these goods are correct under the provisions of the relevant Act or the rules made thereunder. Certified further that we (or our Branch or Agent)

(Address)

are registered as dealers in the State of ………………… under Registration No. ………………………………… for purpose of Sales Tax”.

30. Special conditions, if any, of the tenderers attached with the tender will not be applicable to the contract unless they are expressly accepted in writing by the purchaser.

31. This applies only to the case of supply contracts where works such as erection and construction have also to be done. This may be scored out when not applicable. In the event of any question or dispute arising under these conditions or any special conditions of this contract or in connection with this contract, the same shall be referred to the award of an arbitrator to be nominated by the Purchasing Officer and an arbitrator to be nominated by the contractor, or in case of the said arbitrators not agreeing, then to the award of an umpire to be appointed by the arbitrators in writing before proceeding on the reference and the decision of the arbitration or in the event of their not agreeing of the umpire appointed by them, shall be final and conclusive and the provisions of the Indian Arbitration Act, 1940 and of the rules thereunder and any statutory modifications thereof shall be deemed to apply to and be incorporated in this contract. Upon every and any such reference, the assessment of the costs incidental to their reference and award respectively shall be in the discretion of the arbitrators or in the event of their not agreeing of the umpire appointed by them. The venue of arbitrations shall be the place from which the acceptance of tender is issued or such other place as the purchaser at his entire discretion may determine.

32. The tenderer should send along with his tender an agreement executed and signed in Kerala Stamp Paper worth Rs.15/- . A specimen form of agreement is given as annexure to this tender. Tenders without the agreement in stamped paper will be rejected out-right.
ANNEXURE
(In Rs. 200 Govt. of Kerala non-Judicial stamp paper)

Agreement

Articles of agreement executed on this the ......................... day of ......................... (month)
....................................................................................(year) BETWEEN the Governor of Kerala (hereinafter referred to as “The Govern-
ment”) of the one part and Sri. .................................................. (H.E. name and address of the tenderer) (hereinafter referred to as “The Bounden”) of the other part.

WHEREAS in response to the Notification No. .................... dated .................... the Bounden
has submitted to the Government a Tender for the ............................................... specified therein
subject to the terms and conditions contained in the said Tender.

WHEREAS the Bounden has also deposited with the Government a sum of Rs. ....................
as Earnest Money for execution of an agreement undertaking the due fulfillment of the contract in case
his tender is accepted by the Government.

Now THESE PRESENTS WITNESS and it is hereby mutually agreed as follows:-

1. In case the Tender submitted by the Bounden is accepted by the Government and the contractor
for ............................................... is awarded to the Bounden, the Bounden shall within ....................
days of acceptance of his tender execute an agreement with the Government incorporating all the terms
and conditions under which the Government accepts his Tender.

2. In case the Bounden fails to execute the agreement as aforesaid incorporating the terms and
conditions governing the contract, the Government shall have power and authority to recover from the
Bounden any loss or damage caused to the Government by such breach as may be determined by the
Government by appropriating the Earnest Money deposited by the Bounden and if the Earnest Money
is found to be inadequate the deficit amount may be recovered from the Bounden and his properties
movable and immovable in the manner hereinafter contained.

3. All sums found due to the Government under or by virtue of this agreement shall be recover-
able from the Bounden and his properties movable and immovable under the provisions of the Revenue
Recovery Act for the time being in force as though such sums are arrears of land revenue and in such
other manner as the Government may deem fit.

In witness whereof Sri. .......................................................... (H.E. name and designation)
for and on behalf of the Governor of Kerala and Sri. .........................
................................. the Bounden have hereunto set their hands the day and year shown against their
respective signatures.

Signed by Sri. ..................................................................................... (date) ....................

In the presence of witnesses:

1. ..........................................................

2. ..........................................................

Signed by Sri. ..................................................................................... (date) ....................

In the presence of witnesses:

1. ..........................................................

2. ..........................................................

General Conditions 5
CORRIGENDUM

Ref No. Fin (2) 17966/16/SN  
E Tender Id No. 2017_DSSC_107056_1

Department of Soil Survey and Soil Conservation  
Government of Kerala

Para 2 of the Tender Document pertaining to the Terms and Conditions of the E-tenders invited from reputed manufacturers / dealers / suppliers for Procuring and display of exhibits and interactive display in the Soil Museum, Thiruvananthapuram vide Tender Reference Id 2017_DSSC-107056_1 is amended as follows:-

2. 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). The cost of the tender form is Rs. 5,250/- (inclusive of VAT). The Earnest Money Deposit is Rs. 50,000- (Rupees Fifty thousand only). The cost towards the tender form and EMD shall be remitted through online mode only.