



THE DEMOCRATIC SOCIALIST REPUBLIC OF SRI LANKA  
MINISTRY OF PLANTATION AND COMMUNITY INFRASTRUCTURE  
RUBBER RESEARCH INSTITUTE OF SRI LANKA



**PROCUREMENT NOTICE**

RRISL/PRO/CAPITAL/AVIT/2026 (14-2)

14.09.2026

**Setting up the Copper Network at Genetics & Plant Breeding Department (Office Building)**

1. The Chairman, Departmental Procurement Committee (DPC), Rubber Research Institute of Sri Lanka, invites sealed bids from eligible and qualified contractors for the **Setting up the Copper Network at Genetics & Plant Breeding Department (Office Building), Matugama.**
2. The scope includes supply, installation, testing, and commissioning of ten (10) structured network points at Genetics & Plant Breeding Department (Office Building), Rubber Research Institute of Sri Lanka, Nivithigalakele Substation, Matugama.
3. Bidding will be conducted using **National Shopping Procedure** under Government Procurement Guidelines – Sri Lanka.
4. Interested bidders may obtain further information from Network Administrator, Rubber Research Institute of Sri Lanka, Dartonfield, Agalawatte. (Telephone: +94 34-2247426 Email: priyanthap@rrisl.gov.lk)
5. Duly completed bids should be delivered enclosed in envelope marked with the caption “**Setting up the Copper Network at Genetics & Plant Breeding Department**” on the left side of the envelop, to the address given below on registered/speed/courier post or should be placed in to a box available at the same address on or before 2.30 pm on 28.09.2026 Late bids will be rejected. Bids will be opened soon after closing with the presence of the bidders or their representatives at the same address.

**Chairman,**  
**Departmental Procurement Committee**  
Rubber Research Institute of Sri Lanka  
Dartonfield,  
Agalawatte.

## **1. Eligibility of Bidders**

- a. Vender should be a registered business entity with valid registration in Sri Lanka. (The relevant document should be submitted)
- b. Vender should have a minimum of 5 years of experience in Supply of Network Equipment and/or Installation of Network for government organizations or/and reputed private companies. (Proof documents should be submitted)
- c. Vender should be an authorized Sri Lankan agent or dealer for the quoted Brand. (Manufacturer's Authorization Certificate should be submitted)

## **2. Scope of Works**

**Supply, installation, testing, and commissioning of seven (10) structured network points and installation of Fiter type surge protector in Genetics & Plant Breeding Department (Office Building), at Nivithigalakele Substation, Matugama including of all required materials, accessories, cabling, and labour as per industry standards (Cat6/Cat6A).**

- Dismantling existing cabling and removing of trunking covers.
- Supply and installation of Cat6 / Cat6A UTP cable for 10 points.
- Routing and securing cables in trunking/conduits.
- Providing new faceplates, RJ45 Keystones, Patch panel, Cabel management panel.
- Proper labeling of all cables.
- End-to-end testing.
- Installation of Surge Protector

## **3. Bid Prices**

- Prices must include supply of materials, labour, tools, transport, testing, and all applicable taxes.
- Prices must be quoted in Sri Lankan Rupees (LKR).

## **4. Bid Validity**

Bids shall remain valid for **30** from closing date.

## 5. Submission of Bids

Each bid must include:

- Form of Bid
- Price Schedule
- Company Registration Copy
- Evidence of similar past work
- Technical compliance sheet

## 6. Evaluation Criteria

- Compliance with technical specifications
- Past performance and experience
- Completion period
- Lowest evaluated substantially responsive bid

## 7. Award of Contract

Award will be given to the lowest substantially responsive bidder.

## 8. Technical Specifications

### I. General

| No. | Specifications                                                                                                    | Bidder Response<br>(Yes/No) | Remarks |
|-----|-------------------------------------------------------------------------------------------------------------------|-----------------------------|---------|
| 01  | Work shall be performed according to international standards for structured cabling (ISO/IEC 11801, EIA/TIA 568). |                             |         |
| 02  | A total of ten (10) network points shall be supplied, installed, and completed as specified in the Scope of Work. |                             |         |
| 03  | Supply and installation of Cat6 / Cat6A UTP cable (matching existing) for each point.                             |                             |         |
| 04  | Laying and arranging network cables through PVC trunking/conduits.                                                |                             |         |
| 05  | Providing and fixing single-gang faceplates.                                                                      |                             |         |

|     |                                                                                                                                                                                                                                         |  |  |
|-----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|
| 06  | Providing and fixing RJ45 Keystone Jacks (Cat6 / Cat6A).                                                                                                                                                                                |  |  |
| 07  | Providing and fixing back boxes (Sun Boxes).                                                                                                                                                                                            |  |  |
| 08  | Termination of cables at both end of patch panel & outlet                                                                                                                                                                               |  |  |
| 09  | Ensure proper bend radius for copper cabling.                                                                                                                                                                                           |  |  |
| 10  | Avoid electromagnetic interference during cable routing.                                                                                                                                                                                |  |  |
| 11  | Maintain required separation from power lines.                                                                                                                                                                                          |  |  |
| 12  | All trunking or conduits must be neatly arranged and securely fixed.                                                                                                                                                                    |  |  |
| 13  | Perform continuity testing of all ten (10) network points.                                                                                                                                                                              |  |  |
| 14  | Labelling required at both ends (patch panel & outlet).                                                                                                                                                                                 |  |  |
| 15. | Supply and installation of 10U Wall Mountable Network Rack                                                                                                                                                                              |  |  |
| 16. | Supply and installation of Single-phase Filter type 16A surge protector device                                                                                                                                                          |  |  |
| 15  | Vender should Provide a minimum <b>01-year onsite warranty for all network materials &amp; installation</b> and minimum <b>five (05) years onsite warranty for Filter type 16A surge protector device against manufacturing defects</b> |  |  |
| 16  | Vender should be a registered business entity with valid registration in Sri Lanka. (The relevant document should be submitted)                                                                                                         |  |  |
| 17  | Vender should have a minimum of 5 years of experience in Supply of Network Equipment and/or Installation of Network for government organizations or/and reputed private companies. (Proof documents should be submitted)                |  |  |
| 18  | Vender should be an authorized Sri Lankan agent or dealer for the quoted Brand. (Manufacturer's Authorization Certificate should be submitted)                                                                                          |  |  |

## II. Technical Specifications of Single-phase Filter type 16A surge protector device

| Specifications | Bidder Response (Yes/No)                          | Remarks |
|----------------|---------------------------------------------------|---------|
| Brand          | European brands or equivalent<br>(Please Specify) |         |
| Model          | Please Specify                                    |         |

|                                |                                                                                                   |  |
|--------------------------------|---------------------------------------------------------------------------------------------------|--|
| Country of Origin              | <b>Please Specify</b>                                                                             |  |
| Country of Manufacturer        | <b>Please Specify</b>                                                                             |  |
| Device Type                    | Single-phase series surge filter                                                                  |  |
| Application                    | Protection of sensitive electronic equipment, UPS systems, ICT equipment, control equipment, etc. |  |
| Rated Operating Voltage (Un)   | 220–277 V AC, 50–60 Hz                                                                            |  |
| Rated Load Current             | 16 A maximum                                                                                      |  |
| Protection Configuration       | Multi-mode protection: L-N, L-E and N-E                                                           |  |
| Maximum Surge Current (Imax)   | 25 kA + 25 kA, 8/20 $\mu$ s, L-L                                                                  |  |
| Nominal Discharge Current (In) | 10 kA + 10 kA, 8/20 $\mu$ s, L-L                                                                  |  |
| L-E Surge Rating               | 25 kA, 8/20 $\mu$ s                                                                               |  |
| Voltage Protection Level (Up)  | < 700 V                                                                                           |  |
| Protection Technology          | Three-stage surge protection with series filtering and shunt protection                           |  |
| Filter Technology              | Non-saturating inductors with high-reliability capacitors                                         |  |
| Response / Operating Time      | < 1 ns                                                                                            |  |
| Transient Reduction            | Designed to significantly reduce surge magnitude and dv/dt reaching the protected equipment       |  |
| Status Indication              | LED indication for POWER and PROTECTION OK                                                        |  |

### III. Technical Specifications of 10U Wall Mountable Network Rack

| <b>Feature</b>          | <b>Description</b>    | <b>Compliance (Yes/No/Detail).</b> |
|-------------------------|-----------------------|------------------------------------|
| Brand                   | <b>Please Specify</b> |                                    |
| Model                   | <b>Please Specify</b> |                                    |
| Country of Origin       | <b>Please Specify</b> |                                    |
| Country of Manufacturer | <b>Please Specify</b> |                                    |

|                          |                                                                                                   |  |
|--------------------------|---------------------------------------------------------------------------------------------------|--|
| Rack Type                | Wall-Mountable Network                                                                            |  |
| Rack Height              | 10U (10 Rack Units)                                                                               |  |
| External Dimensions      | 600 (W) × 550 (H) × 450 (D) mm                                                                    |  |
| Mounting Standard        | Standard 19-inch equipment mounting                                                               |  |
| Front Door               | Lockable tempered glass front door with metal frame                                               |  |
| Side Panels              | Left and right removable, tool-less and lockable side panels                                      |  |
| Cooling                  | 2 × cooling fan provision/fan plate, suitable for standard rack cooling fans                      |  |
| Fan plate                | Fan plate shall be supplied with suitable ventilation openings and mounting                       |  |
| Cable Entry              | Top and bottom cable-entry provisions with suitable cable glands/brush panels                     |  |
| Equipment Mounting Rails | Adjustable front/rear 19-inch vertical mounting rails                                             |  |
| Rack Units Marking       | Rack mounting rails shall have clearly marked U positions                                         |  |
| Construction Material    | Cold-rolled steel / high-quality sheet steel                                                      |  |
| Steel Thickness          | Minimum 1.0 mm for cabinet body; mounting rails preferably minimum 1.5–2.0 mm                     |  |
| Surface Finish           | Durable powder-coated finish, corrosion-resistant                                                 |  |
| Ventilation              | Ventilation openings at appropriate locations to facilitate airflow                               |  |
| Locking System           | Lockable front glass door and lockable side panels; keys to be supplied                           |  |
| Wall Mounting            | Heavy-duty wall-mounting brackets/back plate suitable for securely mounting the fully loaded rack |  |
| Grounding                | Cabinet, front door and removable side panels shall have suitable earthing/grounding provisions   |  |
| Accessories              | Mounting cage nuts, screws and washers suitable for 19-inch equipment shall be supplied           |  |
| Warranty                 | Minimum one (01) year warranty                                                                    |  |

## 9. Price Schedule

| Item No                  | Description of Work                                                                                                                                                                                                                                                                                                                | Quantity          | Unit Price (Rs.) | Total Price (Rs.) |
|--------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|------------------|-------------------|
| 01.                      | Cat6/Cat6A UTP Network Cable                                                                                                                                                                                                                                                                                                       | 305m<br>(01 Reel) |                  |                   |
| 02.                      | Cat6/Cat6A Keystone Jacks                                                                                                                                                                                                                                                                                                          | 10 Nos.           |                  |                   |
| 03.                      | Single Gang -Faceplates                                                                                                                                                                                                                                                                                                            | 10 Nos.           |                  |                   |
| 04.                      | Back Boxes / Surface Mount Boxes                                                                                                                                                                                                                                                                                                   | 10 Nos.           |                  |                   |
| 05.                      | Cat6/Cat6A Patch Panel (24 Port)                                                                                                                                                                                                                                                                                                   | 01 No.            |                  |                   |
| 06.                      | Cable Management Panel                                                                                                                                                                                                                                                                                                             | 01 No.            |                  |                   |
| 07.                      | Patch Cords (1m, Cat6/Cat6A) – Switch Side                                                                                                                                                                                                                                                                                         | 10 Nos.           |                  |                   |
| 08.                      | Patch Cords (2m, Cat6/Cat6A) – User (Device)                                                                                                                                                                                                                                                                                       | 05 Nos.           |                  |                   |
| 09.                      | Patch Cords (3m, Cat6/Cat6A) – User (Device) Side                                                                                                                                                                                                                                                                                  | 10 Nos.           |                  |                   |
| 10.                      | Patch Cords (5m, Cat6/Cat6A) – User (Device) Side                                                                                                                                                                                                                                                                                  | 03 Nos.           |                  |                   |
| 11.                      | 10U Wall Mountable Network Rack with Galss Front Door, Left & Right removable tool less and Lockable side panels, & 2 Cooler Fan Plate<br><br>Dimension: 600(W)x550(H)x450(D) mm                                                                                                                                                   | 01 No.            |                  |                   |
| 12.                      | Power Bar with 6 Nos. of 13A sockets                                                                                                                                                                                                                                                                                               | 01 No.            |                  |                   |
| 13.                      | Single phase Filter type 16A surge protector device                                                                                                                                                                                                                                                                                | 01 No.            |                  |                   |
| 14.                      | PVC materials, Earthing materials and all other required materials & accessories for the network and installation of surge protector device                                                                                                                                                                                        | 01 No.            |                  |                   |
| 15                       | Labour cost for Laying UTP cable, Termination at patch panel, Termination at outlets, Fixing faceplates & back boxes, Labeling, Testing the end-to-end network points, Installation of Network Rack, Installation of 16A Filter type Surge Protector Device & interconnecting with existing earthing sytem and other related works | 1 Job             |                  |                   |
| <b>Total Price (Rs.)</b> |                                                                                                                                                                                                                                                                                                                                    |                   |                  |                   |

|                                              |  |
|----------------------------------------------|--|
| Validity Period of the Bid                   |  |
| Total Price: Without VAT                     |  |
| With VAT & Other Taxes.                      |  |
| Total price including all taxes (in figures) |  |
| (in words)                                   |  |

Name of the Authorized Officer .....

Signature of the Authorized Officer .....

Name of the Company .....

VAT Registration No. ....

Address .....

Telephone Nos. ....

Rubber Stamp .....

Date: .....

## 10. Conditions of Contract

### I. Completion Period

The entire work shall be completed within **30 days** from the date of award.

### II. Payment Terms

- 100% payment upon successful completion and acceptance.

### III. Safety Requirements

Contractor must follow all RRISL safety regulations and maintain cleanliness of the work site.

### IV. Responsibility

Any damage to building property must be restored at contractor's cost.