



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



RUBBER RESEARCH INSTITUTE OF SRI LANKA

RRISL/PRO/CAPITAL/AVIT/2026 (70)

Registered Post

BID NOTICE

Purchase of Extender and Auto-Switching 2-Gang In-Wall Transmitter

Bids are invited for quotations for Purchase of Extender and Auto-Switching 2-Gang In-Wall Transmitter as per the specifications given in the attached sheet.

Sealed bids furnishing the information required **in the attached standard Bidding document (Annexure I) filling all empty cages** should be send to the Chairman, Department Procurement Committee, Rubber Research Institute of Sri Lanka, Dartonfield, Agalawatta under registered cover or should be placed into the box available in the Account Department (Procurement unit), Dartonfield, Agalawatte. **Otherwise, they will be rejected.**

The envelope containing the Bid should bear the words “**Purchase of Extender and Auto-Switching 2-Gang In-Wall Transmitter**” in its top left corner. Bids close at 2.30 pm. on 23-09-2026 and they will be opened immediately after closing time on the same day at Dartonfield, Agalawatte. The decision of the Procurement Committee will be final and definite. Bidders or their authorized representatives will be permitted to be present for the event of opening of bids.

**Chairman
Departmental Procurement Committee (Minor)
Rubber Research Institute of Sri Lanka
Dartonfield, Agalawatte**

09.09.2026

Annexure 1

Technical Specifications

01. Specifications of Extender – 01 No.

Feature	Description	Compliance (Yes/No/Detail).
Make	Should be internationally reputed brand. Please Specify	
Model	Please Specify	
Country of Origin	Please Specify	
Country of Manufacture	Please Specify	
Transmitter		
Audio and Video		
Inputs	1x HDMI In: 19-pin type A	
Outputs	1x HDBT Out: 8-pin RJ-45 Female 1x HDMI Loop Out: 19-pin type A	
Output Video Encoding	HDBaseT Class A	
Encoding Data Rate	10.2Gbps	
End to End Latency (Max)	10µs (microseconds)	
Audio Formats	2ch PCM Multichannel up to DTS-X and Dolby Atmos	
Video Resolutions (Max)		
1920x1080p @60Hz 12bit	HDMI:15m/49ft CAT6: 100m/328ft	
1920x1080p @60Hz 16bit	HDMI:7m/23ft CAT6:100m/328ft	
3840x2160p @24Hz 10bit 4:2:0 HDR	HDMI:3m/10ft CAT6:70m/230ft	
3840x2160p @30Hz 8bit 4:4:4	HDMI:7m/23ft CAT6:70m/230ft	
3840x2160p @60Hz 10bit 4:2:0 HDR	HDMI:3m/10ft CAT6:70m/230ft	
4096x2160p @60Hz 8bit 4:2:0	HDMI:7m/23ft CAT6:70m/230ft	
4096x2160p @60Hz 8bit 4:4:4	HDMI:7m/23ft CAT6:70m/230ft	
Supported Standards	DCI RGB Dolby Vision @ 30Hz HLG HDR-10	
Maximum Pixel Clock	HDMI: 600MHz HDBaseT: 297MHz	
Communication and Control		
HDMI	HDMI HDCP 2.2 EDID DVI/D supported	
HDBaseT	HDMI HDCP 2.2 EDID 2-way PoH Bidirectional IR, and RS-232	

CEC	CEC Pass-through – Requires CEC compatibility between source and display	
IR	1x IR TX: 3.5mm (1/8in) TS Mono 1x IR RX: 3.5mm (1/8in) TRS Stereo	
RS-232	1x RS-232: 3-pin Terminal Block	
Power		
Power Supply	18V DC 1A	
PoH	IEEE 802.3af 48V 15.4W Max 2-way	
Maximum Power Consumption	Please Specify	
Maximum BTU	Please Specify	
Safety and Emission	CE FCC RoHS RCM	
Receiver		
Inputs	1x HDBT In: 8-pin RJ-45 Female	
Output	1x HDMI Out: 19-pin type A	
Max Power Consumption	Please Specify	
Certificates	Vendor should be registered under business names ordinance, partnership act or under company act of Sri Lanka. (The relevant letter should be attached)	
Vendor Experience	The vendor should have a minimum of three (03) years of recent experience in supplying Audio Visual equipment to government organizations and/or reputed private companies. (Proof should be attached).	
Manufacturer Experience	Principal manufacturer Should have minimum ten (10) year experience in manufacturing the similar products under the quoted brand name (Should be worldwide recognized brand).	
Warranty	The bidder should offer a <u>minimum of one (01) year of comprehensive warranty against manufacturing defects for the quoted Extender model.</u>	

02. Specifications of Auto-Switching 2-Gang In-Wall Transmitter – 01 No.

Feature	Description	Compliance (Yes/No/Detail).
Make	Should be internationally reputed brand. Please Specify	
Model	Please Specify	

Country of Origin	Please Specify	
Country of Manufacture	Please Specify	
Transmitter		
Audio and Video		
Inputs	1x HDMI 19-pin type A 1x VGA In 15-pin VGA VESA (D-SUB 15) 1x Audio In 3.5mm (1/8in) Stereo Jack	
Output	1x HDMI 19-pin type A 1x HDBaseT 8-pin RJ-45 female	
Audio Formats	2ch PCM Up to 7.1 DTS Master HD and Dolby True HD	
Video Resolutions (Max)		
1920x1080p @60Hz 12bit	HDMI:15m/49ft CAT6: 100m/328ft	
1920x1080p @60Hz 16bit	HDMI:7m/23ft CAT6:70m/328ft	
1920x1080p @60Hz 8bit	HDMI:15m/49ft CAT6: 100m/328ft	
3840x2160p @30Hz 8bit 4:4:4	HDMI:7m/23ft CAT6:70m/328ft	
3840x2160p @24Hz 8bit 4:2:0	HDMI:7m/23ft CAT6:70m/328ft	
Supported Standards	DCI RGB	
Maximum Pixel Clock	297MHz	
Communication and Control		
HDMI	HDMI HDCP 2.2 EDID DVI/D supported	
HDBaseT	HDCP 2.2 EDID 1-way PoH (RX to TX) Bidirectional IR, RS-232, and Ethernet	
Ethernet	1x Ethernet: 8-pin RJ-45 Female Bidirectional over HDBaseT	
IR	Transmitter: 1x IR Out 2-pin Screw Down Phoenix Connector Receiver: 1x IR TX 3.5mm (1/8in) TS Mono 1x IR RX 3.5mm (1/8in) TRS Stereo Bidirectional over HDBaseT	
RS-232	1x 3-pin Screw Down Phoenix Connector Bidirectional over HDBaseT	
Power		
Power Supply	12V DC 1A	
PoH	Please Specify	
Maximum Power Consumption	Please Specify	
Rack Units/ Wall Box	2 Gang	
Safety and Emission	CE FCC RoHS	
Certificates	Vendor should be registered under business names ordinance,	

	partnership act or under company act of Sri Lanka. (The relevant letter should be attached)	
Vendor Experience	The vendor should have a minimum of three (03) years of recent experience in supplying Audio Visual equipment to government organizations and/or reputed private companies. (Proof should be attached).	
Manufacturer Experience	Principal manufacturer Should have minimum ten (10) year experience in manufacturing the similar products under the quoted brand name (Should be worldwide recognized brand).	
Warranty	The bidder should offer a <u>minimum of one (01) year comprehensive warranty against manufacturing defects for the quoted Auto-Switching 2-Gang In-Wall Transmitter.</u>	

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 & Address

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VAT Registration No.

Address

.....

Telephone Nos.

Rubber Stamp

Date: