



MINISTRY OF PLANTATION

STATE MINISTRY OF COMPANY ESTATE REFORMS,
TEA AND RUBBER ESTATE RELATED CROPS CULTIVATION
AND FACTORIES MODERNIZATION AND TEA AND RUBBER
EXPORT PROMOTION



RUBBER RESEARCH INSTITUTE OF SRI LANKA

PROCUREMENT NOTICE

RRISL/PRO/ /RRPD&CE/2021(22)

LATEX AUTO FILLING AND TRAY CONVEYOR SYSTEM

[DESIGN, PROTOTYPING AND PILOT PLANT FABRICATION] – RRPD&CE

Bids are hereby invited from reputed Dealers/ Importers/ Suppliers/ Agents for Latex Auto Filling and Tray Conveyor System [Design, Prototyping and Pilot Plant Fabrication.]

Sealed Bids furnishing the information required in the attached Standard Bidding Document by filling the all empty cages should be sent to the Director, Rubber Research Institute of Sri Lanka, Dartonfield, Agalawatta under registered cover or should be placed into the box available in the Dartonfield Accounts Department, Agalawatte. **Otherwise they will be rejected.**

The envelope containing the Bid should bear the words “**Latex Auto Filling and Tray Conveyor System**” in its top left corner. Bids close at 10.30 am. On 23.12.2021 and they will be opened immediately after the 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 at the time of opening of bids.

**Chairman
Department Procurement Committee
Rubber Research Institute of Sri Lanka
Dartonfield, Agalawatta**

09.12.2021

Standard Bidding Document

Calling quotations for Latex auto filling and tray conveyor system design, prototyping and pilot plant fabrication

Quotations are called for a natural rubber latex auto filling system with a latex filled tray conveyor system design, prototyping, and pilot plant fabrication as per the specifications given below.

(i). Natural Rubber (NR) latex auto filling system

No.	Description	Specification	Compliance (Yes/No/Detail).
01	NR latex feeding tank capacity	150 litres	
02	NR latex feeding tank material	Thermoplastic material such as polyvinyl chloride, or polyethylene or polypropylene	
03	Thickness of the feeding tank wall	Between 1-2 mm	
04	Feeding volume at a time	4 litres	
05	Latex filling tray volume	4 litres	
06	Latex feeding rate	Between 1-4 litres/min	
07	Latex filling tray dimensions	31 X 41 X 6.5 cm	
08	Material used to fabricate the trays	Thermoplastic natural rubber	
09	Thickness of the walls of the trays	2 mm	
10	Operation procedure	Semi automation mode	
11	Warranty period	One year	
Note: No froth formation should occur during feeding of latex from latex feeding tank to latex filling tray			

(ii). Latex filled tray conveyor system

No.	Description	Specification	Compliance (Yes/No/Detail).
01	Conveyor speed	Variable	
02	Length of the conveyor belt	5 m	
03	Width of the conveyor belt	40 cm	
04	Flat conveyor belt height	1 m	
05	Conveyor belt material	1 mm thick Aluminum	
05	Conveyor frame structure	Mild steel (protected with a chemical resistant epoxy coating)	
06	Operational procedure	Semi automation mode	
07	Warranty period	One year	

Bid Evaluation Criteria

Designs should be provided for both systems and evaluation will be carried out for both designs mentioned above as one task. Bids submitted only for one design will be rejected. It is also requested to provide the electrical power consumption in kWh, (if any, for each design per filling of a single tray and one hour operation of the conveyor belt at 10 cm/min). Following criteria will be used as major factors in evaluation of the bids, in addition to the specifications given above.

- (i). Total cost
- (ii). Total electrical power consumption of the proposed system (latex filling system and conveyor belt system)
- (iii) Warranty period

Validity period of the bid from the closing date of the bid	
Price for the latex auto filling system (Rs.) (without vat)	in numbers in words
Price for the Conveyor belt system (Rs.) (without vat)	in numbers in words
Total price (without vat)	in numbers in words
Total price (with vat)	in numbers in words
Signature and stamp of the bidder	
Address and contact details of the bidder	

Name of the Authorized Officer

Signature of the Authorized Officer

Name of the Company & Address

.....

.....

VAT Registration No.

Address

.....

Telephone Nos.

Email Address

Rubber Stamp

Date :