



Indian Institute of Technology Kanpur

National Centre for Flexible Electronics

Enquiry No.: SCDT/FlexE/2016-17/30

Opening Date: March 17, 2017

Closing Date : April 30, 2017

Expression of Interest for Supply of customized Unwinder/Rewinder for sampling, splicing and slitting of film

National Center for Flexible Electronics has a requirement for unwinder/rewinder machine with facilities for splicing and slitting of film. Companies, in India or globally, with demonstrated capabilities are invited to discuss their machine options. Basic requirements and specifications of the machine are given below.

The interested companies must clearly demonstrate their capability by at least:

- a) providing evidence of commercial use of their machines,
- b) providing a draft layout

The interested companies are expected to send, along with requirement above, company profile, product portfolio, a list of supplied equivalent machines and any other supporting information by 07 April 2017 to flexe@iitk.ac.in

Minimum Requirements

- Web speed:0 - 10 m/min
- Web width:10 - 50 cm
- Core:3"and 6"
- Closed loop tension control
- Tension:1 - 200 N
- Vacuum splicing table (for butt-joint web splicing)
- Variable width web slitting with contamination control
- Static elimination
- Web cleaning before rewind
- Extendable frame
- Compact build
- No front-side contact of film
- Cleanroom 10,000 compatible
- For polymer film, paper, metal foil

Optional features

- Webguide before rewind
- Edgetrimming
- Secondary unwinder/rewinder for removal/placement of liner film