



National Law University and Judicial Academy, Assam

(Established by Assam Act No. XXV of 2009)

Ref No. NLUJAA/ADMIN/F/ENGR/MAINT/2017-18

Date: 17/06/2020

EXPRESSION OF INTEREST

Turnkey based sealed proposal in two bid system (Technical Bid & Financial Bid) affixing non-refundable court fee stamp of Rs 8.25 (Rupees Eight and Paise Twenty Five) only is hereby invited from reputed firms/contractors registered under CPWD/APWD/any other Government body for supply and installation of rolling shutter at entry gate of University buildings inside the campus of National Law University and Judicial Academy, Assam.

Size of required shutter are as follows and detail technical specification attached at Annexure-I

Sl. No.	Description	Opening size	Rolling shutter size		Qty.
			Height (mm)	Width (mm)	
1	Manual Standard Roller Shutter (Admin. Block)	2500X9300	2500	3000	03 nos.
2	Manual Standard Roller Shutter (Acad. Block)	2700X4730	2700	4730	01 no.
3	Manual Standard Roller Shutter (Library Building)	2640X5140	2640	2420	02 nos.
4	Manual Standard Roller Shutter (Indoor Hall)	2600X3000	2600	3000	01 no.

Sealed Proposal/offer is to be submitted as Technical bid and financial bid in separate covers and the Technical bid should include the following:

1. (a) Firm Registration certificate, (b) GST registration, (c) PAN, (d) IT returns last 3 years
2. A lump sum amount of earnest money of **Rs. 25,000/-** in the form of Banker Cheque/DD drawn in favour of the Registrar, National Law University and Judicial Academy, Assam
3. Document of previous experience of implementing similar work in last 3 (three) years. Completion Certificate indicating satisfactory completion of such work is to be submitted.
4. Technical specifications and test certificate of the material of rolling shutters.

Other Terms & Conditions:

1. The completion time is 01 (one) month.
2. Liquidated damages at the rate of 1% of the work value per day will be imposed beyond stipulated time of completion.
3. Financial bid of the Bidders not qualified in technical bids, will not be opened and will be returned to the Bidders without opening.
6. Warranty period for each item supplied will be minimum 01 (one) year.
7. One year maintenance of the rolling shutters by the suppliers.
8. Bidders are requested to visit the site before submission of EOI/tender.

The Proposal complete in all respect is to be submitted to the Registrar, National Law University and Judicial Academy, Assam at Amingaon, Hajo Road, Guwhati-31 during office hours up to **1:00 PM** on or before **08-07-2020**.


Registrar

Memo No.: NLUJAA/ADMIN/F/ENGR/MAINT/2017-18

Date: 17/06/2020

Copy to:

1. DIPRO, Kamrup for information and necessary publicity through FLS and newspaper.
2. Finance officer I/C for information.
3. System Administrator with a request to upload in the University website.
4. P.S. to VC for kind appraisal of the Hon'ble Vice-Chancellor.
5. Engineering section for information and necessary action.
6. Notice Board
7. Office File


Registrar

TECHNICAL SPECIFICATIONS OF ROLLER DOOR**1.01 COMPONENTS**a) CURTAIN PANEL

The curtain panel shall be made of 0.55 mm CRCA steel coated with Zinc Aluminium (Galvalume) conforming to IS:277 and IS:513, which makes it totally anti-corrosive and color bonded; which shall give the curtain a good sheen finish (Primary coat – Epoxy/Polyester primer coat 5-7 microns, Top coat – Polyester coating, 12-20 microns, Block coat – Epoxy/alkyd/ Polyester coating 7 – 10 Microns). The coil shall be fed on the Roll forming machine to give the panels the desired profile (Box profile). Each panel will be 930 mm wide and to make the height of the door curtain, the panels shall be lock seamed with one another. Then the panels shall be cut to the width of the door.

The door shall be fabricated as either forward or reverse, as specified (depending upon where the door curtain has to be fixed i.e. inside the opening or outside the opening)

b) BOTTOM RAIL

Bottom rail shall be of aluminium profile lock seamed at the bottom of the door curtain along with weather seal which is made of PVC shall be inserted underneath the bottom rail which shall give an excellent weather and dust protection. The handle shall be provided at the centre to take the door up or down manually.

c) POLYGLIDE

On either end of the curtain (widthwise), Polyglide (a ribbon made of extendable rubber clad with braided nylon) shall be stapled, to give the door curtain a free, smooth and noiseless gliding movement through the guides with a self-lubricated effect. The polyglide will also help in reinforcing and retaining of the profile of the door curtain.

d) GUIDE CHANNEL

For the door curtain to move up and down, at the sides, guide channel shall be provided on either edges of the clear opening (along widthwise). These guides shall be of GI 2.00mm thick sheet conforming to IS:513, roll formed into "U" shape channels, cut to the Height of the clear opening. At three or five points of the guides, steel flats shall be welded to help the guides to be fastened to the wall with M-8 anchor fasteners.

e) BRACKET

Bracket made of MS angles conforming to IS 3909 shall be provided in the headroom areas on either side of the clear opening to support the spindle clamp and drum assembly.

f) SPINDLE ASSEMBLY (SPINDLE, SPRING, DRUM WHEEL)

Spindle: The spindle shall be a hollow GI pipe of required diameter conforming to IS: 1161, cut to the required length to hold the drum wheels, the spring and if required the drive unit also. The drum wheels shall be inserted one after the other into the spindle along with the springs.

Spring: The springs shall be made of steel wire of suitable gauge conforming to Grade 2 of IS: 4454 especially tensioned to international design. The spring, when properly tensioned, shall ensure correct bounce and retention of the door movement. One end of the spring shall be connected to the spindle clamp assembly while the other end shall be fastened to the drum wheels.

Drum Wheel: Drum Wheels on which the door curtain is wrapped shall be made of nylon-6 impregnated polymer with appropriate in destructive material, which is totally anti corrosive; also no greasing of the drum wheels is required. The curtain shall be fastened to the Assembled Drum wheels with special Pop Rivets and Self-tapping Screws.

g) LOCK

Just above the bottom rail, latch lock fitting shall be fastened either internally or externally depending upon the site condition or as desired by the client to lock the door using normal Pad locks.