

JASCH INDUSTRIES LTD.

Regd. Office & Works:

43/5, Bahalgarh Road, P.O. Bahalgarh – 131021

Distt. Sonapat (Haryana) INDIA

Tel.: +91-130- 6451517, 6451518. Fax. . +91-130-2230693

Website: www.jasch.biz Email: vinodgupta@jasch.biz, Mob.9813219457



Thursday, 13th January 2022

PROPOSAL NO.JILVG/GT/BSN

Proposal for:

Mr. BHAGWAN SINGH NEGI

One No Online Xray Thickness Scanner for PVC Calender of 1200mm width, maximum film width 1000mm and and thickness range 0.1mm – 1mm

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Bill of Material

X ray Online thickness Scanner

The offer includes :

- One Scanning O-Frame for suitable width with X ray Transmission Sensor
- Software Package for data presentation, reporting & control.
- Touch Screen Industrial Grade Computer Control & Display station (21.5” capacitive touch screen) with core i3 Processor
- Analog & Digital Input / Output Modules



Technical Description

(1) Scanning Frame

- The scanning frame precision manufactured, free from deflection and misalignment, on an I-beam weldment.
- X-ray Transmission Sensor (5 Watt, 4.9 KV Max.)
thickness range: 10-1000 microns.
Repeatability: 0.1% or 0.1 GSM (the greater)
Air Gap: 10-15mm; Operating Temp. : 0-50 degree Celsius.
- Linear motion system based on high accuracy LM guide and linear bearings
- Laser aligned top and bottom head movement path (the total sum of misalignment in X, Y & Z direction is less then 0.5mm)
- Power track cable carriers for reciprocating cables.
- The frame totally enclosed from all sides to shield all mechanical and electronic components
- Steel reinforced timing belt drive.
- Variable scan speed through variable frequency inverter drive.
(max. 12 meter/min.)
- Maintenance free ac motor.
- Electronic Scanner misalignment compensation.
- Sensor based on Ionisation Chamber with highly stable electrometer amplifier.
- Sampling Time : 10 msec
- Automatic Edge Detection of the Web

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(2) Software Package

- Display of Scanned thicknessProfile in terms of Physical linear scale on the web
- Multi-Color Display of Alarm, Alert & Normal Status of the gauge on the plot for easy identification & corrective action.
- Highly reliable Microsoft Windows 10[®] Operating System.
- Display of last (N-1) Scans Composite profiles in a different lower window.
- Display of average thickness of the film after each scan with Maxima, Minima and 2-Sigma.
- Control of Line Speed screw speed to maintain constant average GSM / thickness of the sheet through a PID loop.
- Automatic edge detection of the film
- Product recipe storage.
- Comprehensive Product Reports.
- Detailed Print-outs for quality assurance.

(3) Computer Control & Display Station

- 21.5” Capacitive touch screen display
- Industrial Grade CPU
- Intel core i3 processor.
- 4 GB RAM
- 128 GB SSD Hard disc

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(4) Analog & Digital Input / Output

- Analog Input : Isolated 0-10V input for machine Speed.
- Analog Output : Isolated 0-10V / 4-20mA for control.
- Digital Output : Potential Free contacts for Alarm Status Indication.
- Digital Input : Web Break, Roll/order Change

Price :

- 1. One no. X ray based Online thickness Scanner as scope of supply above (1) – (4) for Rs 24,00,000/- (Rupees Twenty Four Lakhs Only)**

Exclusions: 1 An online UPS of 2 Kva.

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TERMS & CONDITIONS

(1) PRICE:

The prices mentioned are Ex-Works basis & exclusive of :

- (i) GST @18% applicable Extra
- (ii) Transit Insurance & Freight to be arranged by buyer.
- (iii) Local travelling and boarding lodging During the commissioning for our engineer will be in Buyers scope

Any change in the Government levies, rules and interpretation of law etc. at the time of despatch will be at buyer's account.

(2) SPECIFICATIONS : The Specifications, dimensions, design, description etc. are not binding on us in minute details and are subject to reasonable alterations without notice.

(3) PAYMENT TERMS :

- (i) 35 % advance along with the purchase order.
Balance 65 % against Proforma Invoice before dispatch.

(4) VALIDITY :

The offer is valid for a period of 60 days.

(5) DELIVERY : With in 6-8 weeks after the receipt of written purchase order along with the advance payment .

(6) INSPECTION : The equipment will be made available for the inspection to your authorised representative before despatch

(7) WARRANTY : 18 months of the date of dispatch or 12 months from date of commissioning, whichever is earlier.

(8) COMMISSIONING : Commissioning services are included in the offered rate

(9) CANCELLATION : Orders received and acknowledged by us shall not be subject to cancellation for any reasons whatsoever with out our consent.

(10) FORCE MAJEURE : The offer is subject to *force majeure* by which it means causes such as war, invasion, government orders or restrictions, lock-outs, fire, accidents, breakdown of machinery or any other causes whatsoever beyond our reasonable control, affecting us or our sub-contractors, suppliers etc.

(11) JURISDICTION : All contracts between purchaser and ourselves are deemed to be entered at Sonapat and are therefore subject to the jurisdiction of courts of Sonapat.