

Subject: Expression of Interest for "Procurement of State-of-the-Art Inline Vision Inspection System with Integrated Error Marking Capability to be Installed on the Vinsak USAR-550 Machine.

Reference: EOI Reference No: 13/EOI/2026 dated 01.07.2026.

1. Lucid Imaging Private Limited, Bangalore.

Sr. No.	Bid clause	Queries	ISP Reply
01	Technical Requirements Section of EOI Notice Page No.2, Point No 2; Print Width: Minimum 510 mm width, expandable to the full machine web width.	Please confirm full machine web width	The minimum width is required 510 mm which is clarified to the firm.
02	Inspection and Label Detection Section of EOI Notice Page No.2, Point No 1; Variable Data Inspection: Reading and verification of 1D/2D barcodes with minimum size of 5 x 5 mm and maximum size of 15 x 15 mm.	We would like to understand the smallest module size in 5mm x 5mm 2D code printed by ISP Nashik. ISP can also share the following information so that Lucid can estimate the same- a) Actual sample of 5mm x 5mm 2D code b) Length of encoded string in QR code c) Version of QR code/ 2 D code used	Sample has been shown to the representatives of participated firms.
03	Inspection and Label Detection Section of EOI Notice Page No.2, Point No 5; Defect Detection: Verification of base colour and colour consistency.	Kindly give more details on the verification of base colour and consistency. Does this mean verification of offset printed colour? If so, it fine to check this in a smaller ROI (Region of Interest) say 5mm x 5mm area?	Queries has been clarified to firm that the colour camera is required for detection of base colour printing of labels. Firm have been advised to submit bid for both monochrome as well as colour inspection.
04	Inspection and Label Detection Section of EOI Notice Page No.2, Point No 6; Defect Detection: Detection of unprinted or partially printed labels, including missing or incomplete 1D/2D codes, text, numbers and alphanumeric data.	Our understanding is that the inspection is primarily meant for ensuring variable data integrity. Is it okay to detect presence and absence of print in the background as this is not a print inspection system. Kindly clarify the same.	
05	Data Validation and Verification Section of EOI Notice Page No.2, Point No 1; Duplicate Prevention: Automatic comparison of the contents of the top two rows of the current print job with the historical database of previously printed files.	Kindly mention the duration and the amount of historical data to be considered for comparison.	Historical data for 1 Crore data points considering approx. 20,000 files to be considered for file to file duplicate prevention for the purpose of submitting bid in EOI.
06	Communication & Error Marking System Section of EOI Notice Page No.3, Point No 2 Automatic marking of faulty or missing labels with "INVALID" or any configurable custom message.	We would like to clarify whether the defective labels need to be marked completely across its width or a smaller single mark on the label would be sufficient as shown below-  Also, we would like to understand what is the maximum number of lanes as each lane would require a print head.	Error marking system should error mark anywhere across the web width.

Sayyad
14/07/2026

Vijay
14/7/2026

Sayyad
14/7/2026

Omprakash
14/07/26

Deek

IRBM
14/07/26

Manish
14/7/26

Sahayog
14/7/2026

M/s. Opto Pixel Private Limited, Ahmedabad

Sr. No.	Bid clause	Queries	ISP Reply
01	SCOPE OF EXPRESSION OF INTEREST	What will be maximum Web Width of the Scanning Area?	The minimum width is required 510 mm which is clarified to the firm.
02		How Many maximum and Minimum up (columns) will be for inspection?	Number of column may vary depending on the operation requirement.
03		What is the minimum and maximum speed (meter/minute) of the machine as you have mentioned 120 meter/minute or more!	Clarified to the firms.
04		What will be the database type available in your server for the data sharing activity?	Clarified to the firms.
05		You have mentioned Variable data type? Will it be incremental/decremental OR Random from the database file?	Variable data will be inspected
06		What will be the data type? Alpha/Numeric combination type?	It includes Alpha/numeric combination, symbols, link etc.
07		What will be the 1D Barcode type and 2D Datacode Type?	Should included all the library of industry standards.
08		What to do for base color verification? Please specify the inspection criteria.	Base colour verification is required, for verification- colour identification, colour presence, absence, shade variation to be incorporated.
09		Do you require any action for the consecutive rejection?	Audio visual and buzzer system will be provided.

ISP Officials:

Satyanarayan Patro Jt.GM (TO)

Preetam Chaki, DM (TO)

Akash Sharma, AM (TO)

Vipul Agraval, Sr. Sup (TO)

Sanuj Pal, Sup (TO)

Priyanka sharma Dm (TO) / Incharge

Firms Representative:

M/s. Lucid Imaging Private Limited, Bangalore

M/s. Opto Pixel Private Limited, Ahmedabad

M/s. Aztec Fluids & Machinery Ltd.

M/s. Vinsak India P L