



RFQ: PB111D100

Date: 12-05-2021

To:

Dear Sirs,

Sub: Request for Quotation - PHOTO PLOTTED FILM PROCESSING MACHINE

ITI Limited, Palakkad, invites quotations from reputed Manufacturers or principal of authorized representative registered in India for supply, installation and commissioning of one number of PHOTO PLOTTED FILM PROCESSING MACHINE, with comprehensive onsite warranty includes spares for 2 years and post warranty non-comprehensive Annual Maintenance Contract excluding cost of spares for 3 years. The RFQ document attached herewith explains the scope of work, specification and requirement of the equipment, terms and conditions, Minimum eligibility criteria for the bidders, instruction to the bidders, price bid format etc.

The RFQ document consists of:

1. Section A – General Terms & Conditions
2. Section B(I) – Technical Specification
3. Section B(II) – Other Requirements
4. Section C – Questionnaire / Compliance / Eligibility – Evaluation Format
5. Section D – Price Bid Format
6. Annexure E – Performance Bank Guarantee Format

Time Schedule :

1. RFQ Release date – 12-05-2021
2. Last date for request for clarifications on the RFQ – 18-05-2021
3. Publication of clarifications, if any – 20-05-2021
4. Due date for submission of quotation – 26-05-2021
5. Tender opening (EMD , Eligibility & Techno-com. Bid) – 27-05-2021

(Date of Price bid opening will be intimated to qualified Bidders. In case of Lockdown due date may get extended)

Tender will be processed on 2 Bid System – 1. EMD & Eligibility / Techno Commercial Bid,
2. Price Bid.

Please send us your most competitive quotation in the following address in a sealed cover superscribed with our RFQ No. PB111D100 so as to reach us on or before the due date and time i.e 26-05-2021, 16.00 hrs.

Dy. GENERAL MANAGER (COM&MM), ITI LIMITED, KANJIKODE WEST, PALAKKAD 678623

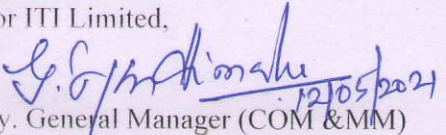
KERALA, PHONE 0491-2566511, 2566180

You may visit our Website <http://itipalakkad.in/public/tenderterms.htm>

Thanking you,

Yours faithfully,

For ITI Limited,


Dy. General Manager (COM & MM)

ITI Limited, Kanjikode west-Palakkad-678623

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SECTION A

GENERAL TERMS & CONDITIONS

1. **Scope:**

The scope of the tender covers supply, installation and commissioning of one number of PHOTO PLOTTED FILM PROCESSING MACHINE with necessary accessories as per the specification with warranty and AMC support.

2. **Definitions**

“Purchaser” means ITI Limited, Kanjikode West, Palakkad, Kerala, India, PIN-678623.

“Bidder” means the individual or the firm who participates in the tender and submits the bid.

“Supplier” means the individual or the firm who is the successful bidder supplying and commissioning of the tendered items.

“Letter of Intent” means a letter issued by the Purchaser indicating his intention to place Purchase Order on the successful bidder.

“Purchase Order” means the order placed by the Purchaser on the Supplier for the supply, installation and commissioning and fulfilling other conditions as required in the tender. This shall be deemed as “Contract”.

“Commissioning” means the ACCEPTANCE OF THE SYSTEM/S by the Purchaser in writing.

3. **Eligible bidders**

3.1 The Bidder (manufacturer or principal of authorized representative – hereinafter referred simply as ‘The Bidder’) should have during the last 3 years, supplied and commissioned at least 3 numbers of the same model / brand of the PHOTO PLOTTED FILM PROCESSING MACHINE (hereinafter referred to as ‘The Equipment’) to Govt/Quasi-Govt./PSUs or renowned private firms.

3.2 The Bidder should be having a Service Infrastructure in India which is operated under the name of the Bidder for the last three years. The Service centre must have certified Service Engineers and Spare Parts for the proposed equipment.

3.3 The Bidder shall submit the following documents along with the bid to prove his eligibility in addressing the requirements of this tender:

- a) A list containing Customer Name, address, contact person with contact number, equipment model number and year of supply of the equipment with regard to renowned customers to whom the equipment has been supplied in India by the bidder in the last 3 years.
- b) Purchase Order copies, Invoice etc. of at least 3 customers to substantiate clause 3.1 above.
- c) If the bidder is not an OEM, the manufacturer’s authorization certificate to substantiate his eligibility to quote.
- d) Performance Certificates issued during the past three years from at least two renowned customers in India substantiating satisfactory working of the equipment as well as extent of service support rendered by the bidder.
- e) Detailed organization of the technical support group in India along with extent of availability of spares for maintenance and servicing of the equipment.
- f) Any bidder from a country which shares a land border with India will be eligible to bid only if the bidder is registered with the Competent Authority and complied as per Ministry of Finance Office Memo no.6/18/2019-PPD dt.23-07-2020

4. Earnest Money Deposit (EMD)

4.1 The bidder shall make an online transfer of an amount of Rs.46000/- (Forty six thousand only) to ITI Limited, Palakkad's Account towards EMD before the bid submission due date. The details of the Bank Account of ITI Limited to which the EMD amount has to be transferred is as follows: -

a	Beneficiary Name	:	ITI LIMITED
b	Beneficiary's Bank	:	STATE BANK OF INDIA
c	Beneficiary's Bank Address	:	English Church Road, Palakkad-678001
d	Account Number	:	10620194836
e	IFSC Code	:	SBIN0000893
f	MICR Code	:	678002002

4.2 Non submission of EMD will lead to disqualification of the Bid.

4.3 Along with the Eligibility and Techno-commercial Bid, UTR Number and date of the EMD amount transferred to ITI's account has to be submitted.

4.4 Bidders who are manufacturers of the tendered equipment and belong to the category of Micro and Small Enterprise (MSEs) enlisted with DICs or National Small Industries Corporation or any other body approved by the Ministry of Micro, Small and Medium Enterprises are eligible for the benefits under Public Procurement Policy for Micro & Small Enterprises and are exempted from submission of EMD. Such firms are also eligible for purchase preference as per the relevant rules/acts in vogue. Bidders who are traders/agents/distributors of imported items are not eligible to avail MSEs benefit. Bidders who would like to claim such benefits shall enclose a letter claiming the benefits under the scheme along with justification and necessary certificates to satisfy the eligibility. Bids that do not satisfy the above conditions and submitted without EMD will be summarily rejected.

5. Submission of Bid Documents

5.1 The bidder shall submit the quote in a sealed cover superscribed with our RFQ No. and due date by courier for **one number of PHOTO PLOTTED FILM PROCESSING MACHINE** as per the technical specification at Section B(I), 2 years comprehensive on-site warranty from the date of successful installation and commissioning and 3 years post warranty non-comprehensive AMC.

5.2 The bid will be processed on a Two BID SYSTEM.

5.3 The bidder shall submit the following documents along with the bid. The documents consist of the following:

- 1) EMD Details – UTR Number (please refer clause 4 above) & Eligibility and Techno-commercial Bid
- 2) Price Bid Cover

5.4 Eligibility and Techno-commercial Bid

The Eligibility and Techno-commercial Bid shall have the scanned copy of the following documents with sign and seal of duly authorized official of the bidder:

5.4.1 Documents to prove eligibility conditions as per clause 3.3 a), b), c), d) & e).

5.4.2 The duly filled questionnaire/ eligibility/ evaluation format (Section – C)

5.4.3 Clause-wise compliance to Technical Specifications (Section B(I))

5.4.4 Compliance to:

5.4.4.1 General Terms and Conditions (Section A)

5.4.4.2 Other Requirements (Section B(II))

5.4.4.3 Technical clarifications issued by the Purchaser after the release of the tender, if any.

5.4.5 Detailed Technical Literature of the equipment with parametric values including the optional features supported by the system.

5.4.6 A copy of the Price bid enclosed in the "Price Bid", without showing the price.

5.4.7 Machine dimensions (foot print) and the site requirements for installation/ commissioning.

5.5 Price Bid

The Price Bid shall have the Price of the Machine quoted as per the format at Section D.

5.6 The bidder is expected to examine all requirements, terms and conditions of the tender. Failure to furnish required information in every respect or non-submission of necessary proof and relevant document or transfer of EMD amount to ITI LTD Account (UTR Number should be submitted) may lead to rejection of the bid.

5.7 Each page of the bid document shall be signed with seal by the bidder (except the technical manuals associated with the bid where signing of each page is not mandatory).

5.8 The bid documents shall be addressed to the following address:

Deputy General Manager (COM & Materials Management)

ITI Limited

Kanjikode West

Palakkad, Kerala, India - PIN 678 623

Phone: +91 491 2566511, +91 491 2566180 FAX: +91 491 2566009

E-mail: pur4_pkd@itilttd.co.in ;

5.9 The Purchaser shall not be responsible for any delay in submission of bids due to the reason what so ever. Hence, bidders are advised to submit their bids well in advance to avoid such situations.

6. Clarification on Bid Documents

6.1 A prospective bidder, requiring any clarification on the Bid Documents shall notify the Purchaser in writing or by E-mail at the Purchaser's mailing address indicated in the invitation of Bid on or before the stipulated date and time. The Purchaser will respond to any request for the clarification of the Bid Documents received within the schedule date. Copies of the queries (without identifying the source) and clarifications by the Purchaser will be published as a corrigendum in the Purchaser's web site (www.itilttd.in) and Central Public Procurement Portal also.

6.3 Notwithstanding the above, prior to the date of submission of the bids, the Purchaser may,

for any reason, modify the tender documents. These amendments shall be put on the Purchaser's web site and CPP portal also. In order to afford prospective bidders a reasonable time to prepare the bid, the Purchaser may, at its discretion, extend the date for bid submission. Prospective bidders are therefore requested to check the Purchaser's website prior to submission of the bids.

7. Discharge of Earnest Money Deposit

- 7.1 The EMD of bidders those who are not qualified after evaluating the eligibility criteria in the Eligibility and Techno-commercial bid will be returned within 60 days from the date of bid opening.
- 7.2 The EMD of successful bidder shall be discharged within 30 days after the bidder's acceptance of Purchase Order and submission of Performance Bank Guarantee.
- 7.3 The EMD will be forfeited if the bidder withdraws the bid during the validity of the bid, or, in the case of a successful bidder, the bidder fails to accept the Letter of Intent/ Purchase order or fails to submit the Performance Bank Guarantee.

8 Bid Submission and Period of Validity of Bids

- 8.1 The bids shall be submitted before the time as specified on due date. If this day is declared as holiday on account of any reason, the bid submission period will stand extended up to same time, next working day.
- 8.2 Bids submitted beyond the period specified shall be rejected.
- 8.3 Bids shall remain valid for 120 days from the due date for submission of bids.

9 Bid Prices

- 9.1 The price bid format is given in Section D. The offer can be in INR / USD/EUR etc. Terms of Price shall be FOR ITI Ltd. Palakkad.
- 9.2 The price quoted by the bidder shall remain fixed during the entire period of the contract including AMC period (i.e., from the date of bid submission until five years from the date of commissioning). However, price variation may be permitted beyond a period of six months from the date of bid submission on account for any changes in the statutory duties and taxes during the period between the date of bid submission and the actual delivery date including supply of maintenance consumables/spares/optional modules during warranty and AMC period. Any variation in taxes/ duties beyond a period of six months from the date of bid submission shall be to the account of the Purchaser.

10 Bid opening and Evaluation

- 10.1 The bids will be opened on the due date mentioned. If the due date mentioned happens to be holiday for the purchaser for any reason, the bids will be opened at the same time on the next working day. The Purchaser will open the bids in the presence of the bidders or their authorized representatives who choose to attend the tender opening. The bidder's representatives, who are present, shall sign in an attendance register. Authority letter to this effect shall be submitted by the bidders before they are allowed to participate in the bid opening.
- 10.2 A maximum of two representatives of the bidder shall be permitted to attend the bid opening.

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- 10.3 On the day of the bid opening as specified at clause 10 above, the EMD details will be opened first. Eligibility and Techno-commercial bids of those bidders, who are qualified on opening of the EMD Bid as per the terms and conditions of the RFQ, will be opened next. The Purchaser will evaluate the technical bids in order to arrive at the qualified bidders for price bid opening. The Price bids of only those qualified after technical evaluation will be considered for further processing. Price bid opening date will be informed to the qualified bidders separately by the Purchaser. The password for opening the Price Bid should be provided at the time of Price Bid Opening.
- 10.4 The evaluation of the price bid for the machine shall be based on the total of the following.
- a) Cost of supply and Installation & commissioning of one number of **PHOTO PLOTTED FILM PROCESSING MACHINE** with necessary accessories to meet the requirements as defined in Section B(I).
 - b) Cost of AMC for 3 years (after two years' warranty)
- 10.5 The Purchaser reserves the right to accept or reject any bid, and to annul the bidding process and reject all bids, at any time prior to award of contract without assigning any reason whatsoever and without thereby incurring any liability to the affected bidder or bidders on the grounds of Purchaser's action.

11. Placement of Letter of Intent (LOI) and Purchase Order (PO)

- 11.1 The Purchaser will consider placement of LOI/ PO for supply of machine only on the eligible bidder whose offer has been found technically and commercially acceptable.
- 11.2 Letter of Intent / Purchase Order shall be issued to the successful bidder for the delivery of the equipment.
- 11.3 The successful bidder shall submit LOI /PO acceptance within two weeks of LOI / PO issuance by the Purchaser along with the Performance Bank Guarantee as per clause 12 below
- 11.4 The issue of Purchase order shall constitute the award of contract on the bidder.

12 Performance Bank Guarantee (PBG)

- 12.1 On receipt of Purchase Order for the supply of the machine and the associated items, the Supplier shall submit Performance Bank Guarantee for an amount of 10% of the PO value, valid for 30 months from the date of PO, drawn on any Nationalized/Scheduled Bank. The validity of the PBG, if required has to be extended by the bidder to cover entire period of warranty immediately after successful installation, commissioning and taking over of the equipment.
- 12.2 The proceeds of the Performance Bank Guarantee shall be payable to the Purchaser as compensation due to Supplier's failure to complete his obligations under the contract.
- 12.3 The performance bank guarantee shall be in the form of Bank Guarantee issued by an Indian Nationalized/ Scheduled Bank and in the form provided in this Bid Document (Section – E).
- 12.4 The Performance Bank Guarantee will be discharged by the Purchaser after completion of the Supplier's performance obligations including warranty obligations under the contract and also after the Supplier provides a separate PBG valid for three years for an amount of 10% of total AMC value for three years and three months. If the Purchaser desires not to enter into AMC or withdraws from AMC at any time, the PBG will be

released within 90 days from the date of end of warranty period or withdrawal from AMC.

13 Delivery and Commissioning

13.1 All items as per the Purchase Order shall be delivered, installed and commissioned at the Purchaser's location (at Kanjikode West, Palakkad, Kerala, India), within 12 Weeks from the date of PO.

13.2 Delay by the Supplier in the performance of its delivery and commissioning obligations shall render the Supplier liable to any or all of the following sanctions: forfeiture of EMD, imposition of liquidated damages and/or termination of the contract for default. In the case of liquidated damages, the penalty shall be as per clause 15 in this section.

14 Payment Terms

The payment for the supply of goods and installation and commissioning shall be made as per the terms and conditions given below:

14.1 80% payment by LC with 90 days credit against supply of equipment in good condition subject to submission of PBG for 10% of PO value.

14.2 10% payment against supply along with 100% of Installation and commissioning charges will be paid immediately after successful installation and commissioning.

14.3 Balance 10% Payment against supply on completion of warranty period OR on submission of additional Bank Guarantee for 10% of PO value.

Non-compliance of above terms of payment will lead to disqualification of the Bid.

15 Liquidated Damages

Should the Supplier fail to deliver or commission the system as per the delivery/commissioning schedule, the Purchaser shall be entitled to recover from the Supplier a penalty equivalent to 0.5 % of the value of the Purchase Order of the full system per week for the first four weeks or part thereof and 0.7% per week there after for such delay or part thereof or cancel the purchase order and purchase elsewhere at the risk of the Supplier.

16 Language

The language used in all communication, bid documents, technical manuals, electronic documents; commercial papers etc. shall be English only.

17 Force Majeure

17.1 If, at any time, during the continuance of this contract till the date of commissioning, the performance in whole or in part by either party of any obligation under this contract is prevented or delayed by reasons of any war or hostility, acts of the public enemy, civil commotion, sabotage, fires, floods, explosions, epidemics, quarantine restrictions, strikes, lockouts or act of God (hereinafter referred to as events) provided notice of happenings of any such eventuality is given by either party to the other within 21 days from the date of occurrence thereof, neither party shall by reason of such event be entitled to terminate this contract nor shall either party have any claim for damages against other in respect of such non-performance or delay in performance, and deliveries under the contract shall be resumed as soon as practicable after such an event come to an end or cease to exist, and the decision of the Purchaser as to whether the deliveries have been so resumed or not shall be final and conclusive. Further that if the performance in whole or part of any obligation under this contract is prevented or

delayed by reasons of any such event as above for a period exceeding 60 days, either party may, at its option; terminate the contract, without any obligations.

17.2 Force Majeure clause shall be applicable during the tenure of Warranty and Annual Maintenance Contract Period and the decisions during this period shall be based on mutual agreements.

18 Arbitration

18.1 All disputes for differences of any kind, whatsoever, arising out of or in connection with this contract or in discharge of any obligation arising out of this contract, the parties to this contract shall endeavor to settle such disputes and or difference amicably. If both the parties fail to reach such amicable settlement, either party may, within 30 days of such failure, give a written notice to the other party clearly setting out there in the specific dispute and or differences, which require to be arbitrated upon. Such disputes and / or differences shall be referred to a sole arbitrator mutually agreed upon. In the absence of consensus about the single arbitrator, the dispute may be referred to joint arbitrator, one to be nominated by each party and the said arbitrators shall nominate a presiding arbitrator, before commencing the arbitrator proceedings.

18.2 Arbitration proceedings shall be held at Palakkad, in Kerala State, India. The arbitration shall be covered by the provision of the Arbitration and Conciliation Act, 1996 or any statutory modifications or re-enactment thereof and rules framed there under from time to time.

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SECTION – B (I)

TECHNICAL SPECIFICATIONS OF PHOTO PLOTTED FILM PROCESSING MACHINE WITH ACCESSORIES (Actual machine facility and Compliance statement required for below mentioned clauses with technical documents of Machine)

Basic Requirement:

Photo Plotted Film Developing Machine, consisting of developing circuits by developer chemical, curing by fixer chemical, washing by DM water and air drying system quickly reconfigurable at installation site, satisfying the specifications, capabilities, capacities and other requirements as mentioned below.

Spec. No	PARAMETER	SPECIFICATION REQUIRED
1	Maximum Size of film to be handled	Above 22 inches width X 26 inches length Thickness Range: 4 mil to 7 mil PCB film in sheet format
2	Minimum size of the Film to be handled	12 inches width X 20 inches length PCB film in sheet format
3	Developing Time	30 Seconds to 45 Seconds. The conveyor subsystem is equipped with adjustable conveyor speed compatible for higher range than the developing time 30 seconds to 45 seconds.
4	Developing Temperature	30 Degree Celsius to 35 Degree Celsius, The developing sub-system is equipped with proper heating with adjustable setting of maximum temperature higher than the 40 Degree Celsius. The solution heaters should be mounted with corrosion proof mechanism.
5	Developer Replenishment	Automatic replenishment system of range 25ml per Sq M to 800 ml Sq M with minimum 5 programmes required. Also switchable to manual mode. Film area based precise replenishment required.
6	Developer chamber / tank	The developer tank with rollers is equipped with proper filtration of developer solution with circulating pumps.
7	Fixer Temperature	25 Degree Celsius to 35 Degree Celsius. The Fixer sub-system is equipped with proper heating with adjustable setting of maximum temperature higher than the 40 Degree Celsius.
8	Fixer Replenishment	Automatic replenishment system of range 25ml per Sq M to 800 ml Sq M with minimum 5 programmes required. Also switchable to manual mode. Film area based precise replenishment required.
9	Fixer chamber / tank	The fixer tank with rollers is equipped with proper filtration of developer solution with circulating pumps.
10	Film Washing	The Film washing sub system is equipped with smooth distribution of water flow with filtration and circulating pump. Also it is equipped with additional filter at input of water input line.
11	Dryer Temperature	40 Degree Celsius to 50 Degree Celsius. The Dryer sub-system is equipped with proper heating with adjustable setting of maximum temperature higher than the 55 Degree Celsius.
12	Low Level Monitors	Required in Developer tank, and Fixer Tank.
13	Temperature Controllers	Required in Developer tank, and Fixer Tank.
14	Display	Work in process, temperature of the solution, processed film area active and cumulative, solution levels, Filter Change Alert, etc
15	Developer / Fixer Tanks	The capacity of tanks will be minimum as so that to minimise the charge of Developer / Fixer. The capacity of Developer tank and Fixer tank are to be mentioned. Also furnish the film processing via submersing or spray system with details.

		carryover of chemistry from one section to the next required.
16	Other features	Should have uniform transport speed, easy to clean rack modules, Easy to remove rollers and bearing, Easy to remove dryer assembly, Easily accessible filters, Easily accessible drain points and separate drains for developer, fixer and wash. The system should automatically go to stand-by mode after a user-set idle time to avoid unnecessary wear and tear
17	Material of Construction	The material of construction of three tanks that Polypropylene (PP)/Poly Vinyliden Fluoride or other compatible material to be furnished.
18	Equipment Compatibility	1- The offered equipment should be compatible for Photo Plotter First EIE SA RP 300-RP 325 + BXT 2-To process the films like Fuji HPR-7s, Fuji XPR-7s, Agfa RPF, Dupont IMR 7, Kodak APR 7, Kodak RED7, Konica 6659 SH-175E, Konica 6579, etc. 3-The machine shall be compatible to the use of developer solution of Agfa V Dev, Dupont D-Im, V Dev, Fuji QR-DI, Fuji Chem Pack HQ, Kodak Accumax RA 2000, Konica 8600, etc. 4-The machine shall be compatible to the use of Fixer solution of Agfa G4376, Dupont F-IM, Dupont G4376, Fuji UR-F1, Fuji Chempack F, Kodak Repro Fixer, Konica, etc. 5- PCB film in sheet format.
19	Equipment Capacity	Process shall be dry to dry processing system. The rollers provided are scratch free and deliver good quality films. The cycle time shall be 5 minutes or better.
20	Input	The equipment shall be provided proper input feeding mechanism / table / tray. Scratch free guides should be provided in the feed table
21	Out put	The equipment shall be provided proper output collection mechanism / table / tray. The receiver tray should be designed to avoid any scratches to the films
22	Exhaust System	The exhaust system requirements shall be furnished as follows 1-Size of Piping 2- Blower capacity in KW/HP 3- Scrubber
23	Equipment status	a. Equipment offered and its parts shall be brand new. Refurbished, Used or Demo equipments are not entertained. Year & month of manufacturing of the m/cs should not be earlier to JUN 2020. b. Equipment offered should be a standard model complying with the technical literature/Catalogues submitted. Modified or custom built machines will not be accepted unless they are supported with technical documents from the manufacturer. c. Services and spares support must be available to the offered equipment for a minimum of 10 years.
24	Warranty	1. The Supplier shall provide comprehensive onsite warranty including free supply of spares (excluding glass parts) for all the hardware and software supplied for a period of two years after the system has been declared commissioned and accepted. During the period the supplier shall extend a minimum of two preventive maintenance visits annually and unlimited number of breakdown call visits as per requirement. Penalty as per RFQ terms will mandatorily apply for inferior service during warranty period.
25	AMC	If the purchaser so desires, after the end of warranty period, the supplier shall provide Annual Maintenance Contract support

		excluding cost of spares for a period of three years. The purchaser will bear the cost of spares replaced during AMC. During the period the supplier shall extend a minimum of two preventive maintenance visits annually and unlimited number of breakdown call visits as per requirement. Penalty as per RFQ terms will mandatorily apply for inferior service during AMC period.
26	Service Support conditions	a. Service support should be available from the competent engineers formally trained on the equipment, preferably at principal's site. Details of engineers providing service should be submitted with the offer.
27	Process support	To be extended during Warranty & AMC period when required.
28	Software supply and Up gradation	Original Operating and application softwares should be supplied with the machine. Any up gradation has to be passed on to ITI, as & when takes place, at free of cost during warranty and AMC periods.
29	Tool Kit, Calibration Kit, Safety kit and Maintenance consumables.	Should be supplied free of cost with the equipment Bidder / supplier shall be supplied general and special tools required for basic calibration, preventive and breakdown maintenance. Also special oils, grease, cleaning agents of quantity required for the warranty period shall supply along with the machine.
30	Accessories and Options for process/ Capability Improvements.	Details to be submitted as options, wherever asked, with individual prices. ITI reserves the right to select any option for commercial evaluation.
31	Consumables	Consumables for maintenance like grease, lub oil, filters etc required during warranty period should be supplied with the machine. Continued availability should be ensured for a period of 10 years.
32	Pre Shipment Inspection	Pre shipment Inspection details to be furnished. Inspection by customer to be indicated if required.
33	Training	a. Extensive training to be provided free of cost, to our Engineers/ Technicians at least for one week after commissioning. Training Should cover following areas on all machines. Operations, Programming, Trouble shooting, Process optimization, Maintenance & Basic servicing. b. Training if chargeable will be tabulated for commercial evaluation. c. Installation and training to be carried out by factory trained OEM authorized engineers
34	Standards	CE standards required.
35	Power Supply	Equipment Should work on 220V, 1PH, 50 Hz AC supply or on 415V, 3PH, 50 Hz AC supply. Equipment should have built in power regulation.
36	Operating Temperature & Humidity	Ideal conditions to be specified.
37	Air Supply Pressure	5 Bar available. Requirement to be specified.
38	Air Consumption	Quality and Quantity of air consumption to be specified
39	Foot Print, Height & weight of The Equipment	Should be specified.
40	Life of the machine	Machine should have a lifespan of at least 10 years under normal 3 shift working conditions.
41	Installation Requirements	Installation requirements to be provided by ITI should be clearly specified with the offer.
42	User Interface Language	Should be ENGLISH for all machines.

43	Technical Literature/Specifications	a. Technical literature with detailed specifications/ Catalogues from original manufacturers have to be submitted to prove compliance with the technical specifications. b. Evaluation will be strictly based on the technical literatures provided.
44	Instruction Manuals	Two sets of Instruction manuals, in English, should be submitted with the machines. The manuals should cover the following aspects
45	Proving of Capability/Capacity (Bidders are required to express their consent to the process while making the offer)	a. The bidder will have to practically prove the compliance during the evaluation process. b. Bidders have to give an undertaking to prove the capabilities and performance, at the time of commissioning and ITI reserves the right to recover the entire/partial cost of the machine from the bidder in case of any non compliance depending on the criticality and margin of deviation.
46	Materials for proving machine specification/features	Bidder / supplier shall supply required materials for showing / proving all machine features / software feature if any.

SECTION B(II)

OTHER REQUIREMENTS

1. Environment

The Bidder shall indicate the environmental requirements in the technical bid. The Supplier shall furnish the machine dimensions (foot print) and the site requirements for installation/ commissioning also in the technical bid.

2. Installation & Commissioning

2.1 The supply, Installation and Commissioning shall be carried out at ITI Limited, Palakkad. The bidder shall give the details of installation requirements in the bid.

2.2 If the machine fails to meet any of the specifications, the Supplier shall carry out required modifications at no cost to the Purchaser. However, if the Supplier fails to meet the specifications within a period of four more weeks from the scheduled date of commissioning, the Purchaser reserves the right to accept the machine with penalties, as decided by the Purchaser, or outright rejection of the machine. Delayed supply or commissioning of the machine shall attract liquidated damages as per relevant clauses of RFQ. In case the machine is rejected due to failure to meet the specifications, the equipment shall be taken back by the Supplier within a period of two weeks from the premises of the Purchaser. All expenditure to take back the equipment shall be borne by the Supplier. The Supplier shall also be liable for full refund of the payment already made within one month from the date of rejection of the machine. The performance bank guarantee will be forfeited if the equipment is rejected fully.

2.3 All expenditure related to the Supplier's experts for the services related to installation and commissioning shall be borne by the Supplier.

2.4 Completion of the acceptance testing to the satisfaction of the Purchaser and issuance of a certificate in this regard by the Purchaser shall be considered as commissioning and the date of issuance of such certificate shall be considered as date of commissioning.

2.5 Installation and training to be carried out by factory trained OEM authorized engineers

3. Warranty

- 3.1 The Supplier shall provide comprehensive onsite warranty including free supply of spares for all the hardware and software supplied for a period of two years after the system has been declared commissioned.
- 3.2. The supplier shall extend a minimum of two preventive maintenance visits annually and unlimited number of breakdown call visits as per requirement, during warranty. During the period, the Supplier shall diagnose the hardware, system software and application software faults (which ever applicable) as and when they occur, Rectify the hardware, system software and application software faults detected, Repair and replace the faulty component, Provide application/system software related fixes / patches and/or work around to resolve the application/system related faults.
- 3.3 The Supplier shall warrant that the stores supplied shall be new and free from all defects and faults in materials used, workmanship and manufacture and shall be of the highest grade and consistent with the established and generally accepted standards for materials of the type ordered and shall perform in full conformity with the specifications and drawings. The Supplier shall be responsible for any defect that may develop under the conditions provided by the contract and under proper use, arising from faulty material, design or workmanship, inadequate quantity of material to meet equipment requirements, inadequate contact protection, deficiencies in circuit design and/or otherwise and shall remedy such defects at his own cost when called upon to do so by the Purchaser who shall state in writing in what respect the stores are faulty. The Supplier shall make good all the deficiencies free of cost.
- 3.4 The terms and conditions of the Annual Maintenance Contract including penalty (see clause 4 below) shall be applicable during the warranty period. However, there will not be any payment for the warranty service. Any penalty during the warranty period will be deducted from the next payment(s) due to the Supplier for the supply of equipments / service / or adjusted with PBG.

4. Annual Maintenance Contract (AMC)

- 4.1 If the Purchaser desires, the Supplier shall provide Annual Maintenance Contract support excluding cost of spares for a period of three years. The AMC shall begin after the end of warranty period on issue of a P.O. by the Purchaser. One month before the end of warranty period, the Supplier shall provide a separate PBG valid for three years and three months for an amount of 10% of total AMC PO value for three years.
- 4.2 Bidder shall quote Year-wise AMC price in the price bid.
- 4.3 The supplier shall extend a minimum of two preventive maintenance visits annually and unlimited number of breakdown call visits as per requirement, during AMC. During the period of AMC the Supplier shall diagnose the hardware, system software and application software faults (which ever applicable) as and when they occur, Rectify the hardware, system software and application software faults detected, Repair and replace the faulty component, Provide application/system software related fixes / patches and/or work around to resolve the application/system related faults.
- 4.4 The cost of spare parts replaced during AMC period will be borne by the purchaser. However, the Supplier shall warrant that the stores so supplied shall be genuine, new and free from all defects and faults in materials used, workmanship and manufacture and

shall be of the highest grade and consistent with the established and generally accepted standards for materials of the type ordered and shall perform in full conformity with the specifications and drawings.

- 4.5 All the faults shall be attended within a day of a call/mail from the Purchaser and rectified within 2 days through remote assistance. If the problem is not resolved through remote assistance, then the same needs to be resolved through on-site visit within 7 days of original reporting of the problem.
- 4.6 If the Supplier fails to rectify the fault within the time limit specified in clause 4.5 above, a penalty of 0.25% of the annual AMC charges shall be applicable for every day of delay.
- 4.7 The Supplier shall also give an up-time commitment of 75% for the equipment, calculated quarterly. If the supplier fails to provide 75% uptime quarterly, a penalty of 7.5% of the annual AMC charges will be applied as penalty for the quarter.
- 4.8 The penalties as per clause 4.6 and 4.7 above will be applied separately and cumulatively. However, the cumulative penalty applicable for any quarter as per clause 4.6 and 4.7 will be limited to a maximum of quarterly AMC Charges.
- 4.9 No charges for AMC will be paid in advance under any circumstances. Bills will be paid on quarterly basis on submission of bills by the Supplier, on satisfactory working report from the Purchaser. Penalties for the failure of the system as per clauses 4.6 and 4.7 will be calculated on quarterly basis and will be deducted from the next supplier bill towards supply/service or PBG.
- 4.10 Extension of this Agreement shall be negotiable for a second term of three years depending on the performance of the Supplier during the period of the initial term.
- 4.11 Notwithstanding the above, the Purchaser reserves the right to enter into AMC with the Supplier, or withdraw from AMC at any time without assigning any reasons. However, after entering into AMC, if the Purchaser wishes to withdraw from AMC, the Purchaser will give a notice on withdrawal from AMC one month in advance. The PBG for the AMC service will be released by the Purchaser within 90 days from the end of AMC agreement.
- 4.12 All conditions of AMC on performance and the penalties as detailed in Clauses 4.6, 4.7 & 4.8 above will be applicable to the Warranty period also. However, there will not be any payment for service during warranty. The penalties during the warranty will be calculated based on the AMC cost for the first year of AMC. Any penalty during the warranty period will be deducted from the next payment(s) due to the Supplier for the supply of equipments/ services or from the PBG.
- 4.13 The quality of service and uptime of the equipment is the very essence of this RFQ. Hence, bids that do not comply to the penalty clauses during warranty and AMC will be summarily rejected.

SECTION C

QUESTIONNAIRE / COMPLIANCE / ELIGIBILITY – EVALUATION SHEET

(To be filled by the bidder)

- 1 Name and address of the Bidder :
- 2 Whether the bidder himself is the OEM (Original Equipment Manufacturer)? : Yes/ No
- 3 Whether supporting documents as required in clauses 3 and 5.3 of Section A enclosed to the Eligibility cum Techno-commercial bid? :
- 4 Details of Earnest Money Deposit (DD no. / date / value / Bank name) : Yes / No
- 5 Validity of Bid document (120 days from the due date of bid submission) : Yes / No
- 6 Whether Clause-wise compliance to Section A, Section B, and Clarifications given by the Purchaser, if any, enclosed to the Eligibility cum Techno-commercial bid?

We undertake that we fulfill the Minimum Eligibility Criteria, as per Clause 3 in Section A. We agree to abide by this bid, for the bid validity period and it shall remain binding upon us and may be accepted at any time before the expiry of that period. Until a formal contract is prepared and executed, this bid, together with your written acceptance thereof and your notification of the award shall constitute a binding contract between us.

Dated this.....day of2021.

.....
(Signature in the capacity of duly authorized to sign and on behalf of)

SECTION- D
PRICE BID FORMAT

Sl No	Item Description	Qty Nos	Rate	Taxes/ Duties	Other charges if any	Total
1	Supply of PHOTO PLOTTED MASTER FILM PROCESSING MACHINE with accessories and two years comprehensive onsite warranty support including spares	1				
2	Installation and commissioning	1				
3	Non-Comprehensive on site AMC Charges excluding spares for First year after Two years of comprehensive onsite warranty	1				
4	Non-Comprehensive on site AMC Charges excluding spares for Second year after Two years of comprehensive onsite warranty	1				
5	Non-Comprehensive on site AMC Charges excluding spares for Third year after Two years of comprehensive onsite warranty	1				
Total						

Note: 1) L1 Status will be evaluated based on sum of all the cost (Sl. No. 1 to 5)
2) Initially purchase Order will be placed only for Sl. No. 1 and 2. The AMC Rates will be fixed as per the Quote / PO, however firm PO for AMC shall be released only if Purchaser desires to go for AMC after the completion of Warranty Period.

.....
(Authorized signatory of the bidder with date and seal)

ANNEXURE - E

PERFORMANCE BANK GUARANTEE FORMAT

In consideration of ITI Limited, Kanjikode West, Palakkad, Kerala, India (herein after called as Company) we..... Bank executed this Performance Guarantee Bond as surety to the cost of supplied by (hereinafter called as the Supplier) as per the Letter of Intent no. dated,of the Company.

1. At the instance of failure by the Supplier to perform to the satisfaction of the Company, up to..... or before the expiry of this guarantee, or within the agreed period whichever is earlier, we..... Bank hereby undertake to pay to (The Purchaser's name and address) an amount not exceeding Rs. (10% of total purchase order value).
2. We..... Bank agrees to pay for the value up to a limit of Rs. and interest thereon from the date of notice till the date of payment at % per annum without any demur, merely on a demand notice from the Company stating that the Company has suffered loss due to non-performance of the equipment supplied by the Supplier. Any such demand made on the bank shall be conclusive as regards the amount due and payable by the bank under this guarantee.
3. We undertake to pay to the Company any money as demanded notwithstanding any dispute or disputes raised by the Supplier in any suit or proceedings pending before any court or tribunal relating thereto our liability under this guarantee being absolute and unequivocal. The payment so made by us under this bond shall be a valid discharge of our liability for payment there under and the Supplier shall have no claim against us for making such payment.
4. We Bank, further agree with the Company that the Company shall have the fullest liberty without our consent and without affecting in any manner, our obligation hereunder to vary any of the terms and conditions of the said agreement or to extend time of performance by the said Supplier from time to time or to postpone for any time or from time to time any of the powers exercisable by the Company against the Supplier and to forbear or enforce of the terms and conditions relating to the said Purchase Order and we shall not be relieved from our liability by reason of any such variation or extension being granted to the said supplier or for any forbearance act or omission on the part of the Company or any indulgence by the Company to the Supplier or by any such manner or thing whatsoever, which, under the law relating to sureties would, but for this provision, have effect of so relieving us.
5. This guarantee will not be discharged due to the change in the constitution of the Bank or the Supplier.
6. We Bank, further agrees that the guarantee herein contained shall remain in force till..... We..... Bank undertake not to revoke this guarantee during its currency except with the previous consent of the Company by writing.

Dated the.....day.....

For bank

Witnesses

- 1.
- 2.