



**ITI LIMITED**  
**Palakkad Plant, Kanjikode West**  
**PALAKKAD – 678 623**  
**KERALA -INDIA**

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**E-Mail : pur5\_pkd@itilttd.co.in**

For Tenders: <https://tenders.itilttd.in/>

Website: <https://www.itilttd.in/>

Ref.: PH001D115

May 12, 2021

Dear Sirs,

## **SUB: QUOTATION REQUEST FOR PLASMA TREATER FOR HDPE DUCT PRINTING**

ITI Limited, Palakkad, invites quotations from reputed Manufacturers or principal or authorized representative registered in India for supply, installation and commissioning of one number of PLASMA TREATER and associated accessories, with comprehensive onsite warranty including spares for 2 years. The RFQ document attached herewith explains the scope of work, specification and requirement of the equipment, terms and conditions.

Item :

Sl. No	Item	Unit	Qty.
1	<b>PLASMA TREATER FOR HDPE DUCT PRINTING</b> Detailed specification attached	No	01

Clarification, if any : before 31-05-2021 at 4.00 PM  
Bid Due date : 02-06-2021 at 4.00 PM  
Bid opening date : 03-06-2021 at 2.30 PM

### **SECTION A**

#### **GENERAL TERMS & CONDITIONS**

##### **1. Scope:**

The scope of the tender covers supply, installation and commissioning of one number of PLASMA TREATER with necessary accessories as per the specification with 2 years on site comprehensive warranty, including spare parts.

##### **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 by the Purchaser in writing of the Equipment without any deviations .

### **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, ending 31<sup>st</sup> March 2021 manufactured, supplied and commissioned at least 100 numbers of the same model of the PLASMA TREATER (hereinafter referred to as ‘The Equipment’) to Govt/Quasi-Govt./PSUs or renowned private firms in India.

3.2 The Bidder should have 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 to substantiate the requirement as is mentioned in 3.1 above.
- b) Performance certificate for the equipment from at least 3 renowned customers in the list at (a) above substantiating satisfactory working of the equipment as well as extent of service support rendered by the bidder.
- c) If the bidder is not an OEM, OEM's authorization certificate to substantiate his eligibility to quote. Authorization from OEM alone will be accepted.
- d) Detailed organization of the technical support group in India detailing Service Organization Hierarchy, address and contact details of service centers, list of critical spare parts and extend of provision of these spare parts at these centers.

### **4. Earnest Money Deposit (EMD)**

4.1 The bidder shall make an online transfer of an amount of Rs.12000/- (Indian Rupees Twelve thousand only) to ITI Limited, Palakkad 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         | : | CANARA BANK                                |
| c | Beneficiary's Bank Address | : | Pudussery, Kanjikode west, Palakkad-678623 |

d Account Number : 1167201000336  
e IFSC Code : CNRB0001167  
f MICR Code : 678015005  
g Account Type : Current Account

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 Benefits to MSEs under Public Procurement Policy will be extended to eligible bidders who are OEMs and produce all necessary documentation to substantiate the claim. If any such claim is untenable and EMD has not been submitted, no further opportunity will be provided to such bidders and their bid will be summarily rejected without further processing. No communication in this regard will be entertained.

## 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 for **one number of PLASMA TREATER and associated accessories** as per the technical specification at Section B(I) and for 2 years comprehensive on-site warranty including spare parts from the date of successful installation and commissioning.

5.2 The bid will be processed on a TWO BID SYSTEM in three separate covers.

Cover one : EMD or claiming MSEs with certificate  
Cover two : Technical  
Cover three : Price Bid

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

- a) EMD details – UTR Number (please refer clause 4 above)
- b) Eligibility and Techno-commercial Bid
- c) Price Bid Cover – in separate sealed 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)

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

5.4.3 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 Corrigendum, if any, issued by the Purchaser after the release of the tender.

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

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

5.4.6 Site requirements for installation and commissioning.

5.4.7 Preventive maintenance required during warranty period including requirement of consumables to be changed like filters etc. and its periodicity.

**The bidder needs to provide free of cost consumables like filters to be changed during warranty period. The quote shall necessarily include the cost of such filters provided free of cost along with supply of the equipment.**

## 5.5 Price Bid

The Price Bid shall have the Price of the Equipment quoted as per the format at Section C.

The cost of Equipment shall include cost of comprehensive onsite warranty for 2 years and cost of consumables like filters that need to be changed during the warranty period. Non inclusion of warranty or consumables as above in the quote will lead to summary rejection of the bid.

5.6 The bidder is expected to examine all requirements, terms and conditions of the tender. Claims, what so ever, on non-estimation of requirements would no way be entertained at later stages 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&MM)

ITI Limited

Kanjikode West

Palakkad, Kerala, India - PIN 678 623

Phone: +91 491 2564375 FAX: +91 491 2566009

E-mail: pur5\_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.

5.10 Quotation should have your valid GST Registration Certificate.

5.11 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.

## 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. 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](http://www.itilttd.in)) and Central Public Procurement Portal also.

6.2 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**

The price bid format is given in Section C. The offer shall be in Indian Rupees. Terms of price shall be 'Delivery at the Purchaser's location' (at Kanjikode West, Palakkad, in Kerala State, India, PIN-678623). Unloading charges of the equipment at our stores will be to the scope of the bidder.

## **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.

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.

10.4 The evaluation of the price bid for the machine shall be based on the total of the following.

Cost of supply, Installation & commissioning of one number of Plasma Treater with necessary accessories to meet the requirements as defined in Section B(I) along with 2 years comprehensive onsite warranty with spare parts and consumables to be replaced during 2 year warranty period.

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 at Annexure.

**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.

### **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 4 Weeks from the date of Purchase Order.

**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.

**13.3** Delivery of the item at ITI Limited Store on FOR Destination basis including packing, forwarding, freight, loading & unloading charges, insurance etc.

### **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 immediately after 4 weeks from delivery at ITI Limited, Palakkad subjected to submission of PBG for 10% PO Value.

**14.2** 20% payment immediately after installation and commissioning.

**Only bids complying the above payment conditions will be considered. Non-compliance of above terms of payment will lead to disqualification of the Bid.**

### **15 Language**

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

### **16 Arbitration**

**16.1** 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.

**16.2** 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

**SECTION B (I)**  
**TECHNICAL SPECIFICATION**

<b>Sl. No.</b>	<b>Parameter</b>	<b>Specification</b>
1	Approximate Treatment area	Suitable for 5 line Ink Jet Printing on HDPE Duct with a Character height of 2 to 10 mm
2	Discharge Head	One
		Discharge head will be made of Stainless steel
		Height adjustable Stand Treating Head : Minimum 10mm
3	Filters	Air Filter, Mist Separator, etc
4	Dynes Level	38 – 48 dynes/cm
5	Input Supply	230 Volt, 50 Hz, Single Phase
6	Output Power	700 W or Higher
7	Plasma Output	Constant at same speed irrespective of input voltage fluctuations
8	Operating Temperature	5 - 50°C
9	Speed	Must be suitable for HDPE Duct manufacturing line with a speed range up to 20 meters/Minute
10	Additional Features	Suitable stand for Plasma treater with trolley
		Machine : Powder Coated
		Fault/Error Indicators
		Air Pressure Regulator
		Discharge Head Cable length : Minimum 3 Mtrs
		MCB Protection
		Display for Operating Parameters Operator / Machine Safety shall be incorporated

**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 The Supplier shall make available the software programs and testers, if any, required for carrying out the acceptance tests as per the schedule
- 2.6 The height of the Plasma Treater and its discharge head will be adjustable to attach in-line with the HDPE duct manufacturing line
- 2.7 Essential accessories like stand for Plasma Treater, Head, etc. will be supplied and installed by the bidder
- 2.8 The Bidder should provide set of maintenance tools (if applicable) along with the equipment and shall indicate the list of tools so provided along with the bid.

## **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.

**SECTION- C**

**PRICE BID FORMAT**

SI No	Item Description	Rate	Taxes/ Duties	Other charges if any	Total
1	Supply, Installation and Commissioning of one number of Plasma Treater with accessories as per tender spec. and two years comprehensive onsite warranty including free spare parts as well as free supply of consumables required for preventive maintenance under warranty support.				

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

For ITI Limited, Palakkad,

DEPUTY GENERAL MANAGER (COM & MM)