



NATIONAL INSTITUTE OF TECHNOLOGY, Tiruchirappalli 620 015

DEPARTMENT OF PRODUCTION ENGINEERING

NOTICE INVITING QUOTATIONS

File No.	NITT/F.No:039/REVEX(OH-31)/2025-26/PRO	Date:	27-01-2026
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To

(Supplier Address)

Sealed quotations are invited from reputed Authorized Dealers / manufacturers for the supply of the Items.

Name of the Item	:	Servicing of Hydraulic Press DFD203 (BEMCO)
Quantity Required	:	1
Specifications	:	As per Annexure-I
1. Quotation Reference No.	:	NITT/F.No:039/REVEX(OH-31)/2025-26/PRO
2. Last date and Time for receipt of quotation	:	17-02-2026 before 12.00 PM (Extended last date 28-02-2026 before 12.00 PM)
3. Date & Time of opening of Quotation	:	17-02-2026 at 03.00 PM (Extended Opening date 28-02-2026 before 3.00 PM)
4. EMD Amount	:	Rs.3,600/- <i>(To be paid through SBI collect)</i>
5. Validity (Days)	:	90 Days
6. Address to which quotations are to be sent	:	The Director, National Institute of Technology, Tiruchirappalli – 620 015, Tamil Nadu, India
Kind attention to	:	Dr.V.SATHEESHKUMAR
Phone No	:	0431-250 3500
E-mail	:	satheeshv@nitt.edu

1. Quotations should be submitted in the format given in Annexure-I and Annexure-II
2. The envelope should contain the following details:



NATIONAL INSTITUTE OF TECHNOLOGY, Tiruchirappalli 620 015

**DEPARTMENT OF PRODUCTION ENGINEERING
"QUOTATIONS AGAINST ENQUIRY"**

Name of the item: Servicing of Hydraulic Press DFD203 (BEMCO)

File No:NITT/F.No:039/REVEX(OH-31)2025-26/PRO

Purchase Initiator: Dr.V.SATHEESHKUMAR

Department: Production Engineering

Last date and Time for receipt of quotation: 17-02-2026 before 12.00 PM

(Extended last date 28-02-2026 before 12.00 PM)



Earnest Money Deposit (EMD)

1. Earnest Money Deposit (EMD) is to be submitted through SBI collect link as below. The bids submitted without EMD will be treated as non-responsive and will be rejected. EMD shall bear no interest.
2. Bidder must fill the EMD returning Form (Annexure-III) and submit along with the quotation.
3. EMD will be returned to the unsuccessful Bidder(s) as per the purchase norms.
4. The EMD shall be forfeited if any Bidder withdraws the offer before finalization of the tender.
5. UDYAM & NSIC registered Micro & small enterprises are exempted from paying EMD amount as per Govt. norms (proof to be attached). For availing EMD exemption, the bidder must be the manufacturer of the offered product in case of bid for supply of goods. In respect of bid for Services, the bidder must be the Service provider of the offered services. Traders/Distributors/agents are excluded from the purview of Public Procurement Policy for Micro and Small Enterprises.
6. EMD is also acceptable in other forms as per GFR Norms.

EMD amount

Rs.3,600/-

SBI Collect Link mode
(Payment Category-
NITT Tender- Earnest
Money Deposit).

<https://www.onlinesbi.sbi/sbicollect/icollecthome.htm?corpID=1768557>

The bidder must enclose SBI collect receipt along with the quotations, failing which the bid shall be rejected without any further communication.



Terms and Conditions:

1.	The quotation must be in the format furnished by NIT Tiruchirappalli and should be free from corrections/erasures. In case there is any unavoidable correction it should be properly attested. If not, the quotation will not be considered. Quotation written in pencil and incomplete will be rejected.
2.	You are invited to submit your most competitive quotation for the supply of goods according to the specifications and delivery terms as given.
3.	The Bidders have to submit manufacturers authorization Letter from OEM along with the quotation, otherwise offer will not be considered, the same will be rejected.
4.	Bidders may send the quotations in sealed covers with the quotation reference number and last date for receipt of quotations duly superscribed on the cover. Mention the company Contact Number / E-mail id on the cover.
5.	Quotation will be opened on due date at 28-02-2026 at 03.00 PM at Stores & Purchase Section, NIT, Tiruchirappalli in presence of the tenderers or their representatives who may wish to be present. (Any change in the date, time and venue of the quotation opening will be informed to the bidders through telephone / E-mail)
6.	The National Institute of Technology, Tiruchirappalli reserves the right to accept or reject any quotations, and to cancel the bidding process, and reject all quotations at any time prior to the award of order without assigning any specific reason thereof.
7.	Manufacturer's name and country of origin of materials offered must be clearly specified. Printed brochures, Purchase preference is only for Micro & Small enterprises (MSE's) register in UDYAM Portal or NSIC as per Ministries policy for MSE's . Proof to be attached.
8.	All supplies are subject to inspection and approval before acceptance. Manufacturer / supplier warranty certificates and manufacturer / Government approved lab test certificate shall be furnished along with the supply, wherever applicable
9.	National Institute of Technology, Tiruchirappalli reserves the right to modify the quantity specified in this enquiry.
10.	Startup company exempted from prior turnover & prior experience (startup certificate registered with DIPP should be enclosed)
11.	The bidder has to submit the bids in sealed envelope, (separate for each tender). Further Bidder should not send clubbing many tenders in one envelope, in such case all the bids will be rejected.
12.	Bid Price a. The contract shall be for the full quantity Bidders must quote for entire quantity. Each bidder shall submit only one quotation in Indian Rupee only. b. Post work orders & completion certificate should be submitted, wherever applicable. c. The rates quoted by the bidder shall be fixed for the duration of the contract and shall not be subject to adjustment on any account. d. GST, packing, forwarding and delivering other allied items at the destination shall be included in the price. All such price components may be shown in the quotation. If there is no indication regarding above charges. It will be considered as inclusive of all charges. e. If any arithmetic mistake in total / GST calculation is observed, the same shall be corrected by the purchaser with an intimation to bidder



	<p>f. In case the items in the enquiry are covered by any rate contract or any other state or central Government, it should be specified in your quotation and accepted contract rates should also be mentioned. It should be confirmed whether you could supply at the RC rates outside rate contract</p> <p>g. Quotations containing conditions like “subject to prior sale” may not be considered.</p> <p>h. Delivery period required for supplying the material should be invariably specified in the quotation</p> <p>i. Bids without quoting GST (unless exempted) will be treated as invalid & disqualified.</p> <p>j. If there is a discrepancy between unit price and total price, the unit price will be considered. If there is any mismatch between figure and word, the amount in word shall prevail.</p>
13.	<p>Evaluation of quotations: The purchase committee will evaluate and compare the quotations determined to be substantially responsive i.e. (i) are properly signed; (ii) Conform to the terms & conditions and specifications; and (iii) price offered are competitive.</p>
14.	<p>Award of contract</p> <p>a. The National Institute of Technology, Tiruchirappalli will award the Order for supply of Goods / Services to the bidder whose quotation has been determined to be substantially responsive, and who has offered the lowest evaluated quotation price.</p> <p>b. The Bidder should furnish the contract agreement and performance security within 15 days from the date of receipt of the order for supply of goods / services, failing which the order will be cancelled without further notice and awarded to next eligible bidder.</p> <p>c. Notwithstanding the above, National Institute of Technology, Tiruchirappalli reserves the right to accept or reject any quotations, and to cancel the bidding process, and reject all quotations at any time prior to the award of order without assigning any specific reason thereof.</p> <p>d. National Institute of Technology, Tiruchirappalli, prior to the expiration of the quotation validity period, will notify the bidder whose bid is accepted for the award of contract. The terms of accepted offer shall be incorporated in the purchase order.</p>
15.	<p>Warranty: 12 Months</p>
16.	<p>Performance Security: Security deposit should be 3% of purchase order value in case of Performance Bank Guarantee should be valid for 60 days beyond the guarantee & warranty. The successful bidder need to submit performance security (<u>As mentioned in Annexure –I</u>) of purchase order value either in the form of bank guarantee or crossed demand draft drawn on any Nationalized bank in India in favor of “The Director, NIT, Tiruchirappalli” payable at Trichy. The bank guarantee / Demand Draft will be returned to the supplier after 60 days from date of successful completion of supply, installation, and the warranty period.</p>
17.	<p>Payment: 100% will be paid after Installation and satisfactory working/date of completion of service if the documents are in order. The bill should be raised in favor of “The Director, National Institute of Technology, Tiruchirappalli, Tamil Nadu, India.” with institute GST No. 33AAATN5491Q1ZZ. No advance will be provided to the supplier and installer.</p>



18.	Liquidity damages If the bidder / supplier, after accepting the Purchase Order or supply of Goods / Services, fails to deliver any or all of the Goods or to perform Services within the period(s) specified in the Order, The National Institute of Technology, Tiruchirappalli shall impose penalty without assigning any reasons to the bidder / supplier a sum equivalent to 0.50 % of the total cost as indicated in the Purchase Order (which will be deemed as agreed price) for each week or part thereof of delay until actual delivery or performance is completed and such penal charges shall be limited to a maximum of 5% of the agreed price. Once the maximum is reached The National Institute of Technology, Tiruchirappalli, may proceed on its own to consider the termination / cancellation of the Order and may inform the bidder about the cancellation of the said purchase order. unless extension is obtained in writing from the office / Department on valid ground before expiry of delivery period
19.	If the deliveries are not maintained and due to that account Procuring Entity is forced to buy the material at your risk and cost from elsewhere, the loss or damage that may be sustained there by will be recovered from the defaulting supplier
20.	Dispute clause: Any dispute relating to the Enquiring /Tender of the indented item shall be under the Hon'ble Court having its jurisdiction over Tiruchirappalli only
21.	Startup company exempted from Prior Turnover & Prior Experience (Startup certificate registered with DIPP should be enclosed)
22.	GST as applicable
23.	Performance Bank guarantee should be valid for 60 days beyond the guarantee & warranty and the BG submitted for EMD shall be valid for 45 days beyond bid validity period.
24.	The successful bidder should submit Security Deposit/PBG within 15 days from the date of placement of order. The EMD shall be returned only after receipt of SD. If the bidder fails to deliver the material, then the EMD/SD shall be forfeited.



NATIONAL INSTITUTE OF TECHNOLOGY, Tiruchirappalli 620 015

DEPARTMENT OF PRODUCTION ENGINEERING

ACCEPTANCE BY THE BIDDER

I/We hereby certify that I/We shall abide hereby the terms and conditions and the Annexures of this limited quotation.

Signature & Seal of Vendor with Date

For any details / clarifications regarding could be obtained from Stores and Purchase Section on all working days during 10 AM to 5 PM.

For further detail related to Technical specifications kindly contact **Dr.V.Satheeshkumar** (Purchase initiator), **DEPARTMENT OF PRODUCTION ENGINEERING, Mail ID: satheeshv@nitt.edu, Ph.0431-2503500**

(NB: Mention the Contact Number / E-mail on the cover. Any change in the date, time and venue of the tender opening will be informed to the bidders through telephone / E-mail)

Enclosures:	a) Specifications of the equipment	Annexure – I
	b) Price Format	Annexure – II
	c) EMD Return Format	Annexure – III
	d) Bank Mandate Form	Annexure – IV



NATIONAL INSTITUTE OF TECHNOLOGY, Tiruchirappalli 620 015

DEPARTMENT OF PRODUCTION ENGINEERING

Annexure-I

Specifications of the Equipment

Ref:NITT/F.No:039/REVEX(OH-31)/2025-26/PRO

Date:27-01-2026

S.No	Technical Specifications of NIT-T	Specifications of the supplier (No hand written)	Supplier commitment
	Item name: Servicing of Hydraulic Press DFD203 (BEMCO)		
	Technical Specifications:	As per Annexure-A	
	Installation required	Yes	
	Warranty (in Month)	12 months	
	Comprehensive AMC required	No	
	Delivery Period	2 Weeks	
	Shipment terms	At NIT-T	
	Payment Terms	100% Payment after satisfactory delivery/Installation	
	Performance Security in %	3%	
	EMD Amount 2%	Rs.3,600	

Signature & Seal of Vendor with Date

Note:

Specifications of the Supplier should be given in detail, single word confirmation like Complied / No / same will be treated as non - responsive Bid and summarily rejected.

Proof for the supplier's specification must be enclosed along with the quotations. (catalogue, brochure, and product website link if any)



Annexure-A

TECHNICAL SPECIFICATIONS

SPECIFICATIONS OF HYDRAULIC PRESS DFD203 for Service

1. Main ram forward capacity : 2000 KN
2. Main ram return capacity : 470 KN
3. Main ram stroke : 500 mm
4. Main cylinder bore/ram diameter : $\text{Ø}320/280$ mm
5. Daylight : 800 mm
6. Bolster plate size (LR x FB) : 800 x 800 mm
7. 'T' slot : T-22 mm
8. Location bore in top bolster plate : 140 H7 mm
9. Working height : 800 mm
10. Die-cushion/ejector ram capacity : 500 KN
11. Die-cushion table size : 500 x 500 mm
12. Die-cushion/ejector ram stroke : 200 mm
13. Die-cushion / ejector cyl. Bore/ ram dia : $\text{Ø}160/125$ mm
14. No. of Mechanical knock-out bars : 1
15. Mechanical knock-out stroke : 50 mm
16. Approx. overall dimensions
 - a) Height : 4075 mm
 - b) Width : 1800 mm
 - c) Depth : 1030 mm
17. Main ram speeds
 - a) Approach : 24 mm/sec
 - b) Pressing : 0.5 to 4 mm/sec
 - c) Return : 78 mm/sec
18. Die cushion / Ejector ram speeds
 - a) Approach : 16 mm/sec
 - b) Return : 42 mm/sec
19. Max. system pressure : 249 Bar
20. Type and capacity of pumps : A6+V30-1F-15F
21. Type and capacity of Electric Motor : 11 KW, 1440 RPM, 415V, 50 Hz.
22. Oil Tank capacity : 500 Litres.



23. Mode of Operation : In Inch & single cycle through selector switch.
24. Foundation layout drg no. : WP 2675

Scope of Work (SOW)
Overhaul and Servicing of Hydraulic Press DFD203

I. Site Visit & Technical Diagnosis

1. Site Inspection:

Bidders are encouraged to visit the site to assess the physical condition of the hydraulic press. A site visit is recommended for a comprehensive understanding to prepare an accurate bid. Bidders who choose not to visit assume full responsibility for their assessment of the scope based on the provided documentation.

2. System-Wide Diagnosis:

- a. **Hydraulic System:** Inspection of the pump, valves, cylinders, reservoir, and all ancillary components.
- b. **Electrical System:** Preliminary assessment of the control panel, wiring, motors, and safety devices.
- c. **Mechanical Condition:** Visual inspection of the structural frame, platens, guides, and fasteners for wear, damage, or misalignment.

II. Hydraulic System Overhaul

1. Hydraulic Circuit Servicing:

Complete draining and flushing of the existing hydraulic oil from the reservoir and circuit.

Cleaning of the hydraulic reservoir (oil tank) internally.

Replacement of all hydraulic filters (suction, pressure, and return line filters as applicable).

Replacement of all flexible hydraulic hoses showing signs of wear, cracking, or aging.

2. Valve & Actuator Service:

- a. Inspection, cleaning, and testing of all control valves (direction control valves, pressure relief valves, flow control valves, etc.).
- b. Replacement of any faulty or excessively worn valves deemed necessary to restore reliable function.
- c. Inspection of the main cylinder(s) and replacement of rod seals, piston seals, gland packings, and wipers.

III. Electrical System & Controls Overhaul

1. Electrical Circuit Inspection:

- a. Detailed check of the entire electrical control system, including the main control panel, terminals, and junction boxes.
- b. Testing of contactors, relays, timers, and transformers.
- c. Replacement of aged, brittle, or damaged wiring and cable conduits.

2. Safety & Control Devices:



- a. Testing, adjustment, and replacement (if necessary) of all **limit switches** (upper and lower travel limits).
- b. Verification and testing of all push buttons, selector switches, and indicators.
- c. Servicing, testing, or installation of a prominent and fully functional **Emergency Stop** circuit.

IV. Mechanical Inspection & Lubrication

1. Structural & Moving Parts:

Inspection of the press frame, columns, and platens for integrity.

Inspection and cleaning of guide columns/rods and gibs.

General tightening of all bolts and fasteners to recommended torque specifications.

2. Lubrication System:

- a. Cleaning of all lubrication points and pathways.
- b. Application of appropriate grease/lubricants to all guide surfaces, bearings, and moving mechanical joints as per the manufacturer's specification.

V. Testing, Calibration & Commissioning

1. System Function Tests:

- a. Power-on tests of all electrical functions and safety interlocks.
- b. Hydraulic system pressure tests and relief valve setting verification.
- c. Operational tests of all press cycles (manual, semi-automatic, automatic - as per design) at no-load and loaded conditions.

2. Performance Verification:

- a. Adjustment and calibration of pressure settings and sequence timings to meet operational requirements.
- b. Final commissioning to ensure the machine operates smoothly and without leaks.

3. Full Operational Trial:

Conducting a series of test runs under simulated or actual production conditions to confirm the press is in **complete operational condition**.

VI. Deliverables by the Bidder

- 1.Detailed Work Report:** Documenting all inspections, measurements, parts replaced, and actions taken.
- 2.Parts Replaced List:** A comprehensive list of all consumables and components replaced (filters, hoses, seals, valves, switches, etc.).
- 3.Testing Protocol & Results:** A record of all tests performed and their outcomes.
- 4.Lubrication Chart & Maintenance Schedule:** Recommended schedule for future preventive maintenance.



VII. Eligibility Criteria for Bidders

1. **Specialization:** Minimum of 5 years of proven experience in servicing, overhauling, and troubleshooting hydraulic presses of similar type and capacity.
2. **Technical Capability:** Must demonstrate the ability to diagnose hydraulic and electrical control system faults and source or manufacture necessary spares.
3. **Support:** Capability to provide prompt technical support.

VIII. Warranty and After-Sales Support

1. **Comprehensive Warranty:** A warranty of 12 months on all replaced parts and workmanship against defects.
2. **Defect Liability:** The bidder shall rectify any issues related to the overhaul, such as hydraulic leaks, electrical faults, or performance failures, reported within the warranty period promptly and at no additional cost.

IX. Note to Bidders

1. **Turnkey Basis:** The bid must be comprehensive, including all costs for labour, materials (hydraulic oil, filters, hoses, seals, electrical components), tools, and commissioning.
2. **Site Safety & Compliance:** Technicians must adhere to all site safety regulations, utilize appropriate PPE, and ensure the work area is left clean and safe upon completion.

Signature & Seal of Vendor with Date

Note:

Specifications of the Supplier should be given in detail, single word confirmation like Complied / No / same will be treated as non - responsive Bid and summarily rejected.

Proof for the supplier's specification must be enclosed along with the quotations. (catalogue, brochure, and product website link if any)



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DEPARTMENT OF PRODUCTION ENGINEERING

Annexure- II

PRICE BID FORMAT FOR BIDDERS

Quotation Ref No. & Date: NITT/F.No:039/REVEX(OH-31)/2025-26/PRO

Bidder's Offer No. & Date :

S.No.	Description of items	Unit (Set / No)	Qty	Rate / Qty in Rs. (excluding GST)	GST in Rs.			Total Value + GST (Rs)
					SGST	CGST	IGST	
1.	Servicing of Hydraulic Press DFD203 (BEMCO) Specifications: As per Annexure-I Make: BEMCO Model: DFD203	Nos	1					
2.	Other accessories / spares etc. as given in scope of supply (Individual item-wise break-up price shall be attached as an annexure to this price bid format.)							
3.	Installation and Commissioning							
4.	Packing & Forwarding charges (extra, if any)							
5.	Freight & Transit insurance charges (extra, if any)							
6.	Total price							
7.	Value of Annual Maintenance Contract							
8.	Net cost to be paid by NIT-T							

Signature & Seal of Vendor

Note:

The price quoted should be in Typed format only as per the above form. Hand written quotes will be rejected. No row shall be left blank, Kindly mention NA in case the item is "Not Applicable". If this format is not used or any column is left blank, then the bid will be rejected. AMC Value will not consider for arriving L1 bidder.



NATIONAL INSTITUTE OF TECHNOLOGY, Tiruchirappalli 620 015

DEPARTMENT OF PRODUCTION ENGINEERING

Annexure-III

EMD Returning Form

To,

The Director
National Institute of Technology,
Tiruchirappalli – 620 015

Sub: Returning EMD amount

Sir / Madam,

Our firm has participated in the tender / quotation enquiry No mentioned below and produced the EMD amount through SBI collect, details are given below.

Tender / Quotation Reference No	
EMD amount	
Transaction Number	
Transaction Date	

It is requested to return the EMD amount to our firm after completion of the purchase to the below mentioned Bank account.

Account Name	
Bank Account Number	
IFSC code	
Bank	

Signature with Seal and Date



NATIONAL INSTITUTE OF TECHNOLOGY, Tiruchirappalli 620 015

DEPARTMENT OF PRODUCTION ENGINEERING

Annexure-IV

(TO BE PRINTED IN LETTER PAD OF THE FIRM)

MANDATE FORM FOR ELECTRONIC FUND TRANSFER/RTGS TRANSFER

Date:

The Director,
National Institute of Technology,
Tiruchirappalli – 620 015,
Tamil Nadu

Sub : Authorization for release of payment / dues from National Institute of Technology, Tiruchirappalli through Electronic Fund Transfer/RTGS Transfer.

1. Name of the Party / Firm / Company / Institute :
2. Address of the Party :
3. City _____ Pin Code _____
4. E-Mail _____ Mobile No: _____
5. Permanent Account Number _____
6. Particulars of Bank:

Bank Name:		Branch Name:	
PIN Code:		Branch Code:	
IFS Code:(11 digit alpha numeric code)			
Account Type	Savings	Current	Cash Credit
Account Number:			

DECLARATION

I hereby declare that the particulars given above are correct and complete. If any transaction delayed and not effected for reasons of incomplete or incorrect information I shall not hold Director, National Institute of Technology Tiruchirappalli responsible. I also undertake to advise any change in the particulars of my account to facilitate updating of records for purpose of credit of amount through NEFT/RTGS Transfer.

Place: _____ Date: _____

Signature & Seal of the Authorized Signatory of the Party