



Basic Details

Organisation Chain	Department of Pharmaceuticals National Institute of Pharmaceutical Education and Research (NIPER) Guwahati		
Tender Reference Number	NIPERG/54/EQP/HPA/25-26/122 dtd 1.8.25		
Tender ID	2025_MCF_807578_1		
Tender Type	Open Tender	Form of contract	Supply
Tender Category	Goods	No. of Covers	2
Payment Mode	Offline	Is Multi Currency Allowed For BOQ	No
Is Multi Currency Allowed For Fee	No		

Payment Instruments

Offline	S.No	Instrument Type
	1	Demand Draft
	2	As Per Tender Document

Cover Details, No. Of Covers - 2

Cover No	Cover	Document Type	Description
1	Fee/PreQual/Technical	.pdf	Technical Bid
2	Finance	.xls	Financial Bid

Tender Fee Details, [Total Fee in ₹ * - 0.00]

Tender Fee in ₹	0.00	Fee Payable To	NA	Fee Payable At	NA
Tender Fee Exemption Allowed	NA				

EMD Fee Details

EMD Amount in ₹	45,000	EMD Exemption Allowed	Yes
EMD Fee Type	fixed	EMD Percentage	NA
EMD Payable To	Director, NIPER-Guwahati	EMD Payable At	Changsari

Work / Item(s)

Title	Short Tender Enquiry Notice for Supply and Installation of Hydrogenation Apparatus (1L Autoclave)				
Work Description	Short Tender Enquiry Notice for Supply and Installation of Hydrogenation Apparatus (1L Autoclave)				
Pre Qualification Details	Please refer Tender documents.				
Tender Value in ₹	1	Product Category	Laboratory and scientific equipment	Sub category	NA
Contract Type	Tender	Bid Validity(Days)	90	Period Of Work(Days)	56
Location	NIPER-Guwahati, Changsari	Pincode	781101	Pre Bid Meeting Place	NA
Pre Bid Meeting Address	NA	Pre Bid Meeting Date	NA	Bid Opening Place	NIPER-Guwahati, Changsari

Critical Dates

Publish Date	01-Aug-2025 01:00 PM	Bid Opening Date	11-Aug-2025 03:30 PM
Document Download / Sale Start Date	01-Aug-2025 01:00 PM	Document Download / Sale End Date	11-Aug-2025 02:00 PM
Clarification Start Date	NA	Clarification End Date	NA
Bid Submission Start Date	01-Aug-2025 01:00 PM	Bid Submission End Date	11-Aug-2025 02:00 PM

Tender Documents

NIT Document	S.No	Document Name	Description	Document Size (in KB)
		1	Tendernotice_1.pdf	Short Tender Enquiry Notice for Supply and Installation of Hydrogenation Apparatus (1L Autoclave)

Work Item Documents	S.No	Document Type	Document Name	Description	Document Size (in KB)
		1	Tender Documents	TenderAutoclave.pdf	Short Tender Enquiry Notice for Supply and Installation of Hydrogenation Apparatus (1L Autoclave)

Tender Inviting Authority

Name	Director, NIPER-Guwahati
Address	NIPER-Guwahati, Sila Katamur, Halugurisuk, Changsari, Kamrup, Assam-781101.

Tender Creator Details

Created By	Gitartha Goswami
Designation	Assistant Registrar
Created Date	01-Aug-2025 12:45 PM



NATIONAL INSTITUTE OF PHARMACEUTICAL EDUCATION AND RESEARCH-GUWAHATI
DEPARTMENT OF PHARMACEUTICALS, MINISTRY OF CHEMICALS AND FERTILIZERS, GOVERNMENT OF INDIA
Sila Katamur, Halugurisuk, Changsari, Kamrup, Assam-781101, India

Short Tender Enquiry Notice for
SUPPLY AND INSTALLATION OF HYDROGENATION
APPARATUS (1L AUTOCLAVE)

Tender No. NIPER-G/S&P/54/EQP/HPA/2025-26/ 122 dated 01/08/2025

Ph: 7099007822

Email: purchase@niperguwahati.ac.in



राष्ट्रीय औषधीय शिक्षा एवं अनुसंधान संस्थान, गुवाहाटी
**NATIONAL INSTITUTE OF PHARMACEUTICAL
EDUCATION AND RESEARCH-GUWAHATI**

(Department of Pharmaceuticals, Ministry of Chemicals and Fertilizers, Govt. of India)
SilaKatamur (Halugurisuk), P.O.: Changsari, Dist: Kamrup, Assam, Pin: 781101.

No: NIPER-G/S&P/54/EQP/HPA/2025-26/122

दिनांक/Date: 01/08/2025

विषय/Sub: Short Tender Enquiry Notice for “Supply and Installation of Hydrogenation Apparatus (1L Autoclave)-reg.”

Director, NIPER-Guwahati hereinafter called the ‘Purchaser’ invites quotation for procurement of **Hydrogenation Apparatus (1L Autoclave)** as per the details given in the table below:

Sl. No.	Tender No.	Description of item	Qty.	Type of Bid
1.	NIPER-G/S&P/54/EQP/HPA/2025-26/..... dated 01/08/2025	Hydrogenation Apparatus (1L Autoclave)	01	Two Bid System

- Each complete set of bidding documents may be downloaded by the bidders from the CPP portal or NIPER- Guwahati website <http://niperguwahati.ac.in> free of cost. The tenders must reach this office on or before 11th August 2025 up to 2:00pm and shall be opened on the same day at 3:30pm.
- Bids will be opened in the presence of Bidders' authorized representatives who choose to attend at the specified date and time. In the event of the date specified for bid receipt and opening being declared as a closed holiday for purchaser's office, the due date for submission of bids and opening of bids will be the following working day.

सामान्य नियम और शर्तें / GENERAL TERMS & CONDITIONS:

1. All the prospective bidders, before preparing the tender and submitting the same must go through the contents of the entire tender document carefully and note the same for compliance. Any deviation or non-compliance of the information/instructions provided in the tender document may result in treating the tender as non-responsive.
2. **ईएमडी जमा / EMD Deposit:** A refundable Earnest Money Deposit (EMD) amounting to ₹ 45,000/- in the form of Demand Draft drawn in favour of “*The Director, NIPER-Guwahati*” issued from a Commercial Bank, will have to be submitted along with the quotation. Offers received without Earnest Money or valid Certificate shall be summarily rejected. As per Rule 170 of General Financial Rules (GFRs) 2017, Micro and Small Enterprises (MSEs) and the firms registered with concerned Ministries/ Departments are exempted from submission of Bid Security.
3. **Date & Time of Submission:** The signed technical and commercial bids should be kept in separate sealed covers, which shall be submitted in a big, sealed cover super scribed with the

“CPPP Id” and “No. NIPER-G/S&P/54/EQP/HPA/2025-26/1222 dated 01/08/2025” with the subject mentioned as: “Supply and Installation of Hydrogenation Apparatus (1L Autoclave)” and addressed to the Director, National Institute of Pharmaceutical Education and Research (NIPER)-Guwahati, SilaKatamur, Halugurisuk, Changsari, Kamrup, Assam-781101, INDIA. The tender/email should reach this institute on or before 11th August 2025 up to 2:00pm and will be opened on the same day at 3:30pm.

4. **Payment Terms:** As a matter of policy, being a government institution, no advance payments can be made to suppliers. The following payment terms may please be noted: 100% payment after successful delivery, installation, commission and acceptance of the ordered item and submission of performance security.
5. All the bids are to be submitted in a two-bid system, i.e., a big sealed envelope containing both technical and commercial bids in separate sealed covers.
 - A. Last date for receiving sealed tenders containing technical and commercial bids: 11th August 2025 up to 2:00pm.
 - B. Opening of bids (technical only): 11th August 2025 up to 3:30pm.
 - C. Opening of bids (commercial): shall be intimated later.
6. All prospective bidders should submit a hard copy of tenders in sealed covers. No online/email tenders will be accepted.

कृपया बोली के साथ निम्नलिखित दस्तावेजों को प्रस्तुत करना सुनिश्चित करें / PLEASE ENSURE SUBMISSION OF FOLLOWING DOCUMENTS WITH BID:

- a) Provide a company profile and brief note indicating your experience in arranging such events.
 - b) Certificate of Incorporation/ Registration Certificate of the firm / Company/Agency.
 - c) Income Tax returns filed for the last three financial years.
 - d) PAN No.
 - e) GST Registration certificate.
 - f) Bidder/Agent who quotes for items manufactured by the other manufacturer shall furnish scanned copy of Manufacturer's Authorization Form as per Annexure-II.
 - g) The OEM certificate or the valid authorization letter from the OEM for sale & support of the product quoted as per Annexure-III.
 - h) The tenders not meeting the eligibility criteria will be summarily rejected. Hence, the tenderers are advised to attach relevant documents in support of their eligibility.
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7. **संस्थापन / Installation:** Bidder shall be responsible for installation as applicable and for after sales service during the warranty and thereafter. Installation to be arranged by the supplier free of cost and the same is to be installed immediately after the arrival of the item at site.
 8. **वारंटी / Warranty:** 03-years comprehensive warranty from the date of installation and acceptance by the institute.
 9. **Unloading of ordered items:** It will be the responsibility of the supplier to ensure safe unloading and shifting of ordered materials to the installation site.
 10. **बोली की वैधता / Bid Validity:** The Bid shall remain valid for acceptance for a period of 90 days after the date of Bid opening prescribed in the Bidding Document. Any Bid valid for a shorter period shall be treated as unresponsive and rejected. In exceptional cases, the Bidders may be requested by the Institute to extend the validity of their Bids up to a specified period.

The Bidders, who agree to extend the Bid validity, are expected to extend the same without any change or modification. In case the day up to which the Bids are to remain valid falls on or subsequently declared a holiday or closed day for NIPER-Guwahati, the Bid validity shall automatically be extended up to the next working day.

11. TDS would be recovered as per rules in case of Fabrication/Servicing/Maintenance jobs/installation charges etc.
12. **संबंधीत कानून / Applicable Law:** All disputes shall be settled in the courts of Guwahati Jurisdiction only.
13. **आपूर्ति / सेवाओं के लिए स्थान / Locations for the supply / services:** The bidders may note that the supply/services covered by this document are required to be executed as per institute requirement at various places in the campus and as per the instruction of the conveners for the said work/assignment of NIPER-Guwahati.
14. **परफॉर्मेंस सेक्युरिटी / Performance Security:** A performance security against the warranty period equivalent to 5% of the total order value will have to be furnished by the supplier in the form of Payee Demand Draft / Fixed Deposit / Bank Guarantee, in favour of "**Director, NIPER-Guwahati**" issued by a Commercial Bank within 21 days from the date of installation of the ordered item (s). The performance security shall remain valid for the warranty period starting from the date of installation plus an additional 60-day claim period for the institute. The Bank Guarantee issued by the bank must be routed through SFMS Platform as per the following details:
 - i MT 760/ MT 760 COV for issuance of Bank Guarantee
 - ii MT 760/ MT 767 COV for amendment of Bank GuaranteeThe above message/intimation shall be sent through SFMS by the BG issuing bank branch to HDFC Bank, Adabari Branch, IFSC Code- HDFC0009310; SWIFT Code HDFC INBBCAL; Branch Address: ADABARI TINIALI, UN ENCLAVE, GUWAHATI- 781012 (The comments is mailed for correct inclusion/ reference).
15. **स्वीकृति और अस्वीकृति / Acceptance & Rejection:** The acceptance of the quotation will rest with the Director, NIPER Guwahati, who does not bind himself to accept the lowest quotation and reserves the right to himself to reject or accept, partially or all the quotations received, without assigning any reason. The Director, NIPER-Guwahati further reserves the right to withdraw the tender or part thereof or modify the requirements without assigning any reason and the right to relax any of the conditions in the best interest of the Institution.
16. **निविदा दस्तावेज के नियमों और शर्तों की स्वीकृति / Acceptance of the terms and conditions of tender document:** Bidders are expected to provide a certificate that all the terms and conditions of enquiry are accepted.
17. **पत्राचार / Correspondence:** All the correspondence related with the assignment/work/services should be addressed to Director, NIPER-Guwahati till placement of order, who is final deciding authority.
18. **छूट / Relaxation:** Director, NIPER- Guwahati reserves the right to relax any of the conditions or modify the specifications in exceptional cases, in the best interest of the institute. NIPER-Guwahati reserves the right to withdraw the tender in whole or part at any stage without assigning any reason thereof.

19. All disputes shall be settled in the courts of Guwahati Jurisdiction only.

20. **नोट / Note:** To compare the cost, the bidders are expected to offer their price on FOR NIPER-Guwahati basis (all inclusive). It is not possible either for the bidder or for the institute to add any price component after opening the commercial bids. In case of no indication given, the quoted price would be treated as FREE delivery (All inclusive cost up to NIPER-G).

Yours faithfully,



(भंडार एवं क्रय अधिकारी/Stores & Purchase Officer)

STANDARD SPECIFICATIONS: HIGH PRESSURE AUTOCLAVE

S. No.	Content	A2000 Series
1.	Volume	1Ltr net filling capacity
2.	Material of Construction	Head and body: SS316L Wetted parts: SS 316
3.	Design pressure	100 bar or more (Continuous safe working pressure being 85% of the design pressure)
4.	Design temperature	300 °C or more
5.	Maximum working Temperature	250 °C or more
6.	Vessel L/D	101.6 or better
7.	Vessel Internal height	163 or better
8.	L/D ratio	1.604 or better
9.	Minimum stirrable	130 mL or better
10.	Head mounting style	Removable head and vessel design.
11.	Heating	External electrical ceramic band heater with cladding & insulation.
12.	Motor & drive	¼ hp ex-proof gas group IIB motor (zone 1) with 100-1450 RPM or better
13.	Shaft sealing	Zero leakage Magnetic drive coupling, (M-40) Material of Bush- carbon filled PTFE (CFT)
14.	Stirrer	2. stage 6-bladed turbine stirrer
15.	Standard fittings	<p>External Valves & Fittings:</p> <ul style="list-style-type: none"> • Pressure gauge with vacuum protection (Range: 0 to 10/25/60/100/160/250 bar or better) • Safety rupture disc (Inconel) with vacuum protection • Gas inlet-valve & liquid sampling valve mounted on common dip tube • Vent needle valve or better • Note: All needle valves shall be ¼" NPT end connections <p>Internal Fittings:</p> <ul style="list-style-type: none"> • Helical cooling coil • Thermowell (with RTD PT100 temperature sensor) Dip tube or better
16.	Gasket	PTFE Gasket
17.	Closure type	Split clamp with clamp bolts
18.	Control Panel	<ul style="list-style-type: none"> • Control panel with Programmable P.I.D temperature controller (Make: PPI, Model: Neuro 102a/102ac, Programs: 16 ramp/soak with OSIH over shoot inhibit parameter to control overshoot with standby mode to cut off heating & cooling) with high temperature alarm system & motor speed controller mounted on it.

		<ul style="list-style-type: none"> • The panel shall be Screw less design with push lock enclosure, PVC Cable tray for internal wiring, safe & rugged metal clad military grade lockable plug sockets for all the sensors, heaters & motors (for tight connection & safety). • Overshoot inhibit feature to avoid initial overshoot in reaction temperature • Automatic temperature power output limit for low temperature operation to avoid overshoot.
19.	Auto-cooling system	Auto-cooling system with water pump, for forced cooling SS tank & hose pipes for exothermic reaction & faster cooling.
20.	Water Pump and 10 Ltr. Tank	Water Pump and 10Ltr. Tank with tubing to cool the magnetic drive, pressure sensor, etc., by water recirculation to save water for H ₂ gas for 0-140bar cylinder pressure with inlet & outlet pressure gauge, flexible 4m hose pipe, non-return valve & adaptor for N ₂ /O ₂ / air gas cylinder or better.
21.	SS Pressure Regulator	for H ₂ gas for 0-140bar cylinder pressure with inlet & outlet pressure gauge, flexible 4m hose pipe, non-return valve & adaptor for N ₂ /O ₂ / air gas cylinder.
22.	Power Supply	1 ϕ , 220VAC 50 Hz
23.	Mounting	SS Trolley
24.	Approximate Dimension for Table Top Model	(W x D x H mm) 1010 x 410 x 1350

OPTIONAL ATTACHMENTS

S. No.	Optional Attachments
1.	Hollow shaft with gas induction impeller (for Gas-Liquid reaction) (instead of item 'J') Minimum Stirrable Volume: (Minimum Stirrable Volume: 500 ml & 750 ml: 75 ml; 1L & 2L: 150ml; 5L: 500ml)
2.	SS Pressure Regulator for H ₂ gas for 0-140bar cylinder pressure with inlet & outlet pressure gauge, flexible 4m hose pipe, non-return valve & adaptor for N ₂ /O ₂ / air gas cylinder.
3.	Flush Bottom Valve (For 500ml to 2L) (max working temperature 250°C)
4.	Auto-cooling System with flame proof IIC Motor (for Hydrogen Gas) with water pump, SS tank & hose pipes for exothermic reaction & faster cooling. (Instead of item 'O')
5.	Digital pressure indicator in bar & psi (Make: PPI, Model: Neuro 100a/ N100ac) with SS-316 Pr. Transmitter (NonFLP) & high pressure alarm in addition to analog pressure gauge with high pressure safety heater cut off or better.
6.	¼ hp ex-proof gas group IIC motor (zone 1) (instead of item 'H')
7.	Pressure relief valve with Kalrez 'O' ring
8.	10-inch capacitive touch control panel & SCADA equivalent features with local and remote display of all major parameters, trends, data logging & change of set points on PC. (PC in client's scope). Note - Cable length shall be 5m from PC to panel unless specified.
9.	High Pressure Liquid / Catalyst Slurry / Gas charging pot for injecting liquids / Gas / Catalyst during the reaction under pressure. {(It consists of a high-pressure

	SS-316 pot, inlet & outlet vent valves, pressure gauge, high pressure. Hose pipe, non-return valve & Pressure relief Valve} (Design Pressure: 100 bar).
10.	0.02 m2 SS-316 Reflux / take off condenser with SS knit mesh packing material for venting off uncondensed vapors & returning the condensate back into the autoclave.
11.	Condenser for distillation/condensation (It is an SS-304 shell side & SS-316 tube side heat exchanger) with hose pipe. (Design Pressure: 10 bar)
12.	Receiver pot at the outlet of condenser to apply vacuum for distillation & collect the condensate with outlet & vacuum line valves. (Design Pressure: 10 bar)
13.	SS-316 Ball valve with funnel (CFT Seat) for powder/liquid inlet with Funnel at atmospheric pressure and T connector.
14.	Torque Wrench for uniform tightening, easy operation & ensuring leak tightness.
15.	Flexible Hose/Tubing of 2 m length attached to Rupture Disc outlet to be taken to a safe location for venting
16.	IQ, OQ & PQ documents

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Manufacturer's Authorization Form

To
The Director
National Institute of Pharmaceutical Educational Research (NIPER)-Guwahati,
Sila Katamur, Halugurisuk,
Changsari, Kamrup, Assam-781101,
Near Dr. Bhupen Hazarika Regional Govt. Film & Television Institute.

Ref: Enquiry: NIPER-G/S&P/54/EQP/HPA/2025-26/.....¹²² Dated 01/08/2025.

We,, who are proven and reputable
Manufacturer/exclusive distributors of (Name
and description of the goods offered in the Bid) having factories/office at
..... hereby authorize M/s
..... (name and
address of the agent) to submit a Bid, against your requirement as contained in the above referred
Bidding Documents for the above goods manufactured/ distributed by us.

We further confirm that no supplier or firm or individual other than M/s. (name and address of the
above agent) is authorized to submit a Bid, against your requirement as contained in the above
referred Bidding Documents for the above goods manufactured by us.

**In case the above is challenge / proved to be false at a later date we will be held personally
responsible, and we are fully aware of consequences.**

We also hereby extend our full warranty of _____ from acceptance of goods by
Purchaser. We further confirm that we shall continue to supply spare parts, for 03 years after
guarantee/warranty.

Yours faithfully, [Signature with date, name and designation]
For and on behalf of M/s. [Name & address of the manufacturers].

Note: This letter of authorization should be on the letter head of the manufacturing firm and should be
signed by a person competent and having the power of attorney to legally bind the manufacturer.

OEM Form

(To be printed on Company's Letter Head)

To
The Director
National Institute of Pharmaceutical Educational Research (NIPER)-Guwahati

Ref: Bid Reference no. NIPER-G/S&P/54/EQP/HPA/2025-26/.....¹²² Dated 01/08/2025.

We,who are proven and reputable Manufacturer of (Name and description of the goods offered in the Bid) having factories/office at to submit a Bid, against your requirement as contained in the above referred Bidding Documents for the above goods manufactured by us. We further confirm that no supplier or firm or individual is authorized to submit a Bid, against your requirement as contained in the above referred Bidding Documents for the above goods manufactured by us.

We also hereby extend our full warranty of _____ from acceptance of goods by Purchaser. We further confirm that we shall continue to supply spare parts, for 03 years after guarantee/warranty.

In case the above is challenge / proved to be false at a later date we will be held personally responsible and we are fully aware of consequences



Yours faithfully,

[Signature with date, name and designation]

FORMAT FOR FINANCIAL BID

(To be submitted in the "Financial Bid" cover and not to be submitted with Technical Bid, failing which, the entire submitted bid may be disqualified)

Sl. No.	Description of the item	Qty	(A) Unit Price per Item	(B) GST (In Rs.), if applicable	(C) Freight/F.O.R/ transport/delivery & Installation CHARGES & all other charges (In Rs.), If applicable	(A+B+C) Offered Price (In Rs.)
1.	Hydrogenation Apparatus (1L Autoclave)	01				

Total Bid price in INR:

In words: _____

Signature of Bidder _____

Name _____

Business Address _____

TOTAL F.O.R. NIPER GUWAHATI ALL INCLUSIVE COST FOR COMPARISON PURPOSE