



**NATIONAL INSTITUTE OF PHARMACEUTICAL EDUCATION & RESEARCH**  
[Department of Pharmaceuticals, Ministry of Chemicals & Fertilizers, Govt]  
HYDERABAD

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**Amendment to Tender**

Ref:  
PUR/NIPERHYD/NC/12/2020

Sep 21st, 2020

To

Dear Sirs,

Sub: Extension of Tender for supply of "HPLC HIGH PERFORMANCE LIQUID CHROMATOGRAPHY SYSTEM WITH PDA DETECTORS"- reg.

Ref: Our Enquiry No: No: PUR/NIPERHYD/NC/12/20, Dt:07/08/2020

We are incorporating the following changes in the above tender as per the following.

| Sl. No.  | As per the tender                                   | Amended to read as                                  |
|--|---|---|
| 1.   | Last date for submission of bids 21.09.2020 2:30 pm | Last date for submission of bids 06.10.2020 2.30 pm |
| 2.   | Opening of bids 21.09.2020 at 3.00pm                | Opening of bids 06.10.2020 at 3.00pm                |
| <b>Note:</b><br>1. Please submit fly bids as per the pre bid minutes uploaded in the website and also the tender specifications .<br>2. All other terms and conditions of the tender remain same.<br>3. All the bids are to be submitted in two bid system i.e. technical and commercial bids separately in different sealed covers. The EMD amount of Rs.3,67,000/- in the form of DD or bankers Cheque in favour of "NIPER-H Resources" should be kept in the technical bid cover to avoid its disqualification. |   |   |

Thanking You,

Yours faithfully,

SPC-II  
chairperson



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**HYDERABAD**

Tender No. PUR/NIPERHYD/NC/12/20 — HPLC SYSTEM WITH PDA DETECTOR

Subsequent to the pre bid conference held in the Institute in connection with procurement of HPLC System with PDA Detector against our tender No. PUR/NIPERHYD/NC/12/20, the Institute would like to modify in the specification to the existing tender document. please find Annexure-1 to check modified specification

**Annexure-1**

**Specifications:**

**High performance liquid chromatography (HPLC)-PDA Detector**

**HPLC Pump Module:**

- Maximum operating pressure up to 5000 psi or better.
- Operating flow rate : 0.2000 to 10.000 mL/min flow range or better
- Flow accuracy  $\pm 1.0\%$
- Flow precision  $\leq 0.03\%$  RSD or better
- System must have online vacuum degassing facility.
- quaternary gradient mixing
- Automatic and continuous Compressibility compensation facility.

**Auto sampler**

- Sample Capacity should be 100 or more (1-2 ml vials).
- Injection Loop size should be 2  $\mu$ L to 5 mL or 100  $\mu$ L as standard.
- Programmable wash / purge option to minimize carryover/ Carry over must be below 0.01% or better.

**Column**

- Temperature range should be ambient/20/30 to 85 °C or better.
- Temperature stability should be  $\pm 0.2$  °C or better.
- Temperature accuracy should be  $\pm 1.0$  °C .
- Column size: 30 cm
- C 18 column- No. 3
- C 8 Column- No. 3

**Photodiode array detector**

- Wavelength range 190-950nm or better
- Wavelength accuracy  $\pm 1$  nm or better
- 512/1024 element photo diode array device or better
- PDA software to suit to 3 dimensional peak purity algorithm
- Data Acquisition: 80-200Hz or better
- Optical resolution 1.2-8 nm or better.

**Software**

- The software should provide all the functionality that a laboratory staff needs to efficiently work with chromatography data and able to upgrade with other detectors in future.
- The software needs to have robust peak integration capabilities, with effective detection of low-level peaks on noisy or sloping baselines.
- Should be able to control PDA.
- All instrument parameters should be stored in computer.
- Suitable software for 3D UV or peak purity calculations with computer (Original OS) & Laser Printer should be provided.

**Scope of Supply**

Supply, install, training and successful conduct of final acceptance tests at NIPER, Hyderabad.

**Training**

Five persons should be given training at NIPER in five working days.

**Warranty**

The warranty of the equipment should be for a period of 03 years from the date of acceptance.  
During the warranty period, upgrades of the software, if any should be provided free of cost.