



**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

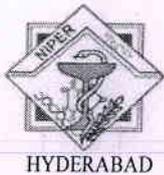
Note:

1. Please submit fly bids as per the pre bid minutes uploaded in the website and also the tender specifications .
2. All other terms and conditions of the tender remain same.
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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[Department of Pharmaceuticals, Ministry of Chemicals & Fertilizers, GoI]  
**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  $\mu\text{L}$  to 5 mL or 100  $\mu\text{L}$  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.