



**ASPEE COLLEGE OF HORTICULTURE AND FORESTRY
NAVSARI AGRICULTURAL UNIVERSITY**

Eru Char Rasta, Navsari – 396 450, Gujarat

Tender: Supply and Installation of NANO SPECTROPHOTOMETER	
Period of tender document downloading from website www.nau.in	05/02/2016 to 25/02/2016 up to 17.00 hours
Last date for submission of tender fee, EMD and other documents. (Physical submission)	25/02/2016 up to 17.00 hours
Bid validity period	6 Months
Tender Fee	Rs. 500
Earnest Money Deposits (EMD)	Rs. 12,000
Security Deposit (For qualifying bidders)	Rs. 20,000

The detail requirements with terms and conditions of purchase and tender document will be published on website www.nau.in under tender section.

If any future updates regarding tender will be there, it will be published on website www.nau.in during tender period.

Date: 05/02/2016

Sd/-
Principal, ACHF, NAU
Navsari

Detail Specifications for Nano Spectrophotometer:

1. The nano spectrophotometer should measure the concentration and purity of dsDNA, ssDNA and RNA.
2. Should also measure the concentration of Protein A₂₈₀ (1Abs=1mg/mL) BSA, IgG and lysozyme Concentration of protein assay kit (Lowry, BCA and Bradford).
3. Minimum sample size should be 0.5-2 µl or less.
4. Path length should be 1mm and 0.2 mm.
5. Light source should be xenon flash lamp.
6. Detector type should be silicone photo diode.
7. Wave length should be measurement at 230, 260 and 280 nm.
8. Wave length accuracy should be ± 1 nm.
9. Absorbance precision should be 0.002 Abs.
10. Detection limit should be 10 ng/µl (dsDNA) or less.
11. Measurement time should be less than 5 seconds.
12. Inbuilt printer in the nano spectrophotometer will be preferred.
13. The software should be compatible with Microsoft windows 2000 or XP or better operation system, MS office 2000 or better.
14. At the time of installation the demonstration should be made and the faculty members of Department of Plant Molecular Biology and Biotechnology should be trained by the installation engineer.
15. Two years warranty should be provided on the supplied instrument from the date of installation.

Terms & conditions:

- (1) The item should be supplied with all necessary accessories to put in working condition and installation.
- (2) Rates should inclusive of all taxes, duties, freight and forwarding charges with F.O.R. delivery to Department of Plant Molecular Biology and Biotechnology, ACHF, NAU, Navsari.
- (3) Documentary proof should be submitted for Certificate of Incorporation, Tin no., copy of Pan Card and/or latest IT Return, Sale Tax/Service Tax Registration.
- (4) The sealed quotations should be sent in favor of “The Principal, ASPEE college of Horticulture and Forestry, Navsari Agricultural University, Navsari- 396 450, Gujarat” on or before 25th February 2016 only through courier or post.