



**Sub: Tender for Supply and Installation of UV-vis Spectrophotometer
(High Resolution Double beam)**

Ref: NITT/R&C/SEEDGRANT/19-20/P18/CHY/SM/E1/CORRIGENDUM-1
[E-Tender ID : 2019_NITT_506198_1]

The technical specification of the following items has been revised / changed considering the future upgradation of the instruments.

The details are given below:

TECHNICAL SPECIFICATIONS		
PUBLISHED		AMENDED TECHNICAL SPECIFICATIONS AND IT SHOULD BE READ AS
Detector	Silicon photodiode	PMT
Wavelength range	190 to 1100 nm	190 - 900 nm
Spectral bandwidth (SBW)	1nm	0.1 to 5nm
Wavelength Scanning speed	2 - 10nm nm/min to 8000 nm/min	10nm/min to 4000 nm/min or higher
Baseline flatness	Less than ± 0.0005 Abs (190-1100 nm)	Less than ± 0.005 Abs (190-900 nm)
Temperature of the sample can be controlled by external chiller	Large sample compartment compatible with wide range of accessories	<u>Accessories(Optional)</u> <u>Temperature control of the Sample:</u> Sample holder for controlling temperature by external chiller or Peltier attachment with constant temperature holder. <u>Upgradable Features:</u> The system should have features for upgradable accessories such as, diffused reflectance accessory for measurements of solid state samples.

The temperature of the sample can be controlled by external chiller is removed from the main scope of supply and made it as Accessories as optional item. Hence, the bidders are requested to quote the same separately along with the main item in PDF and the same to be uploaded in the E-Tender portal. Also, the bidder should quote the main item (alone) price in the price bid excel file and the same to be uploaded in the E-Tender portal.

The rest of the technical specifications of all other items and the terms and conditions of the aforementioned E-tender remain unaltered.