

(राष्ट्रीय पशु जैव प्रोद्योगिकी संस्थान)
National Institute of Animal Biotechnology

Corrigendum -- Change of specifications

Please refer NIAB Tender Details as follows.

Tender ID : 2018_DBTEC_390685_1

Tender Reference Number : NIAB/SP/2018-19/15

Tender Title : Particle Size Analyzer with Zeta Potential measurement (Zetasizer)

The following changes may please be noted before submission of bids with respect to the tender details mentioned above.

Revised /New changes in specifications

Specifacaton in place of Existing old specifications --- **Read As** : - Annexure -1 (as attached below)
The specification mentioned below should be treated as revised specification and bid must be submitted accordingly.

Rest of the tender conditions remains same.

Manager (S&P)

NIAB-Hyderabad

Date:- 31/10/2018

Specifications

Annexure -1

Particle size analyzer with zeta potential measurement

Measurement principle	Dynamic Light Scattering	
Application	Nano Particle Size, molecular weight	Zeta Potential
Sample type	Nano particles, vesicular systems, proteins, peptides, liposomes, microparticles, polymers, metallic nanoparticles hybride systems	Nano particles, vesicular systems, proteins, peptides, liposomes, microparticles, polymers, metallic nanoparticles hybride systems
Particle size/zeta potential range	0.3nm to 8µm	No limitations
Detector	APD Preferred	APD Preferred
Laser power used	As per ISO 13321 specifications	As per ISO 13321 specifications
Accuracy	Better than +/-3%	Better than +/-3%
Sensitivity	<0.5mg/mL	<10 mg/mL
Sample concentration	0.1ppm to 30% w/v	20-30% w/v
Temperature	Fixed and ramping between 1°C - 90°C (120°C optional)	Fixed and ramping between 1°C - 90°C (120°C optional)
AMC	Minimum 5 years	Minimum 5 years
Accessories	Disposable folded capillary (atleast 100), Dip cell, Zeta potential cell, Molecular Weight second virial coefficient, Disposable polystyrene cell, Glass or quartz cell, Advanced protein measurement, integrated analytical software, computer and other peripherals	