

**Government of Uttar Pradesh  
Directorate of Animal Husbandry, Uttar Pradesh, Lucknow 226007.**

E-Bid REFERENCE: No. 56/Pur. Cell/Global Tender/Apeda/2017-18

Dated : 04.05.18

**CORRIGENDUM**

In reference to OPEN/GLOBAL e-TENDER FOR THE PURCHASE OF INSTRUMENTS/ EQUIPMENTS REQUIRED FOR ESTABLISHMENT OF MEAT QUALITY CONTROL LABORATORY UNDER APEDA NORMS at ALIGARGH (As per Schedules of requirement of e-tender) under the Department of Animal Husbandry, U.P. (for the financial year 2018-19) bearing No. 24/Pur.Cell/Glodal Tender/Apenda/2017-18 dated 23.04.2018, following **CORRECTIONS** are being hereby made in relevant part(s) of SCHEDULE OF REQUIREMENT and TECHNICAL SPECIFICATION of the Tender Documents-

Sl.No.	Name of Machinery/ Equipment	Existing relevant points of specification of Machinery/ equipment as per Tender Document	Corrected point of specification of Machinery/Equipment as per representation/recommendation during pre-bid conference dt. 02.05.2018
1	Triple/Tandem Quadrupole LC-MS/MS System	15. Collision Cell: Specially designed <i>off-axis</i> collision cell to allow use of low dwell times without sacrificing sensitivity and Eliminate Cross-Talk to enable multiple MRM/SRM Transition Studies within a single run. 27. Vacuum degassing capability Six-channel 38b. Injection Volume Range 0.5-100 $\mu$ L increments. 39c. Columns : 1) C18 (6 numbers) (High stability, pH range eg, 2 to 10 with column length of 15 cm and 1.7 micron particle size (3 numbers) and 5 cm (3 numbers)	15. Collision Cell: Specially designed collision cell to allow use of low dwell times without sacrificing sensitivity and Eliminate Cross-Talk to enable multiple MRM/SRM Transition Studies within a single run. 27. Vacuum degassing capability four to Six-channel 38b. Injection Volume Range 0.5-50 $\mu$ L or more increments. 39c. Columns : 1) C18 (6 numbers) (High stability, pH range eg, 2 to 10 with column length of 15 cm and 1.7 micron to 2.0 micron particle size (3 numbers) and 5 cm (3 numbers)
2	Triple Quadrupole Mass Spectrometer (GCMS/MS)	<b>5. Quadrupole Mass Analyzer</b> c. Resolution: Automatic tuning down to 0.4 $\mu$ or better <b>10. Scan Speed</b> b. 300 SRM transitions/sec or better	<b>5. Quadrupole Mass Analyzer</b> c. Resolution: Automatic tuning down to 0.5 $\mu$ or better <b>10. Scan Speed</b> b. 800 SRM transitions/sec or better
3	AAS (Atomic Absorbance Spectrophotometer)	<b>Specifications o AAS</b> 1. Fully Automated Personal Computer controlled Integrated Atomic Absorption Spectrometer System with Double Beam optics, Automatic Changeover between - Flame & Furnace Mode along-with Deuterium background correction for flame mode and Zeeman self reversal background correction for furnace mode. Both flame and graphite atomizer change over should be from software and without movement of either flame or graphite atomizer. <b>9. Graphite Furnace System</b> d. Background Correction: Zeeman background correction. <b>21. Specifications: Microwave Digestion System</b> b. Power: Unpulsed Microwave power from 0 to 1400 W using 1 to 2 magnetrons.	<b>Specifications o AAS</b> 1. Fully Automated Personal Computer controlled Integrated Atomic Absorption Spectrometer System with Double Beam optics, Automatic Changeover between - Flame & Furnace Mode along-with Deuterium background correction for flame mode and Zeeman / self reversal background correction for furnace mode. Both flame and graphite atomizer change over should be from software and without movement of either flame or graphite atomizer. <b>9. Graphite Furnace System</b> d. Background Correction: Zeeman / self reversal background correction <b>21. Specifications: Microwave Digestion System</b> b. Power: Unpulsed Microwave power from 0 to 1800 W using 1 to 2 magnetrons.

Bidders are requested to read the relevant part of tender documents as per correction made in above table. Other details of Tender document will remain same.

(Dr. Charan Singh Yadav)  
Director,  
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