



गुरु घासीदास विश्वविद्यालय बिलासपुर (छ.ग.)  
GURU GHASIDAS VISHWAVIDYALAYA BILASPUR (C.G.)

(A++ Grade accredited by NAAC)

[A Central University Established by the Central Universities Act, 2009 No. 25 of 2009]  
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Rf.N. 310/DST first Botany/structure/CCV/2024

Date - 04/12/2024

**CORRIGENDUM (02 Pages)**

**Tender No. 10/EQUIPMENT/DST-FIST PROJECT/BOTANY/CCV/2024**

S. N.	Page No	Content of E-Tender Enquiring Clarification	Clarifications of E-Tender
<b>Schedule I: Double Beam Atomic Absorption Spectrometer (AAS)</b>			
1	Page No. 24-26	High resolution grating with 1800 lines/mm and 300 mm or more focal length for high energy throughput.	High resolution grating with 1800 lines/mm and <b>250 mm or more</b> focal length for high energy throughput
2		<b>Bandwidth selection:</b> 6-step or more bandwidth selection with automatic switching from <b>0.1 to 2nm</b> (0.1,0.2,0.4,0.7,1.0,2.0 nm)	<b>Bandwidth selection:</b> 4-step or more bandwidth selection with automatic switching from <b>0.1 to 1.0nm</b> (0.1,0.2,0.5,1.0 nm)
3		<b>Motorized turret:</b> 8 lamps turret, controlled through software with 2 lamps simultaneously lit, one for measurement and other for warm up for the next measurement	<b>Motorized turret:</b> <b>6 lamps</b> turret, controlled through software with 2 lamps simultaneously lit, one for measurement and other for warm up for the next measurement
4		In built power supply for minimum 2 numbers of High-performance boosted lamp/ Super lamp/ EDL must be there in the system	In built power supply for minimum 2 numbers of High-performance boosted lamp/ Superlamp/EDL must be there in the system <b>if required</b>
5		Dual background correction as standard - High speed dual frequency simultaneous measurement D2 back ground correction and high-speed Self Reversal background correction.	Dual background correction as standard - High speed dual frequency simultaneous measurement D2 background correction with high-speed Self Reversal background correction or Zeemanor better technology for the graphite furnace
6		Heating Temperature Range-Ambient to 3,0000 °C	Heating Temperature Range-Ambient to 3,0000 °C <b>with or without Zeeman Background correction</b>

### Schedule III: Gas Chromatography Mass Spectrometry (GC-MS)

1	Page No. 32-35	<b>Gas Chromatography</b> Must be able to install up to 3 independent temperature-controlled injectors and detector units	<b>Gas Chromatography</b> Must be able to install up to <b>2 or more</b> independent temperature-controlled injectors and detector units
2		<b>GC-Oven:</b> Oven cool down time: 450 °C to 50 °C in 3.4 min or better	<b>GC-Oven:</b> Oven cool down time: 450°C to 50°C in <b>4 min or better</b>
3		<b>Split/Spit less injector port-1No.:</b> AFC and APC must come with pressure program ramps of 7 or better	<b>Split/Spit less injector port-1No.:</b> AFC and APC <b>or EPC</b> must come with pressure program ramps of <b>3 or better</b>
4		<b>Single Quadruple Mass Spectrometer</b> Ionization voltage of upto 200V or better	<b>Single Quadruple Mass Spectrometer:</b> Ionization voltage of upto <b>150V or better</b>
5		<b>Single Quadruple Mass Spectrometer</b> High-speed scan rate of upto 30,000 u/sec or better	<b>Single Quadruple Mass Spectrometer</b> High-speed scan rate of upto <b>20,000 u/sec or better</b>
6		<b>Warranty:</b> One year comprehensive from date of installation	<b>Warranty:</b> One year comprehensive + 3 years CMC from date of installation

#### 9.25 Warranty Clause

1	Page No. 10	<b>9.25 Warranty:</b> Comprehensive on-site warranty (as applicable) shall be applicable to the supplied goods for a period of 60 months for all manufacturing defects from the date of satisfactory installation, commissioning and acceptance by the user department of GGV	<b>9.25 Warranty:</b> Comprehensive on-site warranty shall be applicable to the supplied goods for a period of one year for all manufacturing defects and 3 years CMC from the date of satisfactory installation, commissioning and acceptance by the user department of GGV
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**NOTE: The Bidders are required to submit the duly signed copy of this corrigendum sheet compulsorily along with the technical Bid.**

  
Project Coordinator

  
OSD (Store)

  
Registrar