

## शुद्धिपत्र निविदा सूचना / CORRIGENDUM TO TENDER NOTICE (Tender Ref. No. : CL/Pur/02-GC)

## **Tender Notice for Supply, Installation And Commissioning of**

## **Gas Chromatograph**

## सभी संबंधित के ध्यान में लाया जाता है कि तकनीकी विशिष्टि में निम्नलिखित परिवर्तन किये गए है:

This is to bring to the notice of all concerned that following modifications have been made in the technical specification-

Sl. No.	Feature	Existing Requirement	Modified requirement
1.	SYSTEM:	Gas chromatograph with capability of operating concurrently with two injectors or better and three detectors.	Gas chromatograph with two injectors or better and three detectors.
4.	INJECTOR ( 2 OR MORE):	i) Should be capable of large volume injection Temperature ramped splitless, Split and Cold on-column modes $400^{\rm O}{\rm C}$ max. and $\geq 3$ ramps.	i) Should be capable of splitless, Split and Cold on-column modes 400 $^{\rm O}$ C max. and $\geq$ 3 ramps.
6.	DETECTORS:	A) FLAME IONIZATION DETECTOR:  v) Acquisition rate 300 Hz or more.  B) ELECTRON CAPTURE DETECTOR  iv) Operating temperature limits: 400°C	v) Acquisition rate 100Hz or more  iv) Operating temperature limits: 325°C or better
		c) NITROGEN PHOSPHORUS DETECTOR  i) Minimum detectable amount: 100fg N/sec, 100fg P/sec	i) Minimum detectable amount: 0.3pg/sec for Nitrogen and 0.1pg/sec for Phosphorus
		ii) Linear dynamic range: better than $10^4$	ii) Linear dynamic range: better than 10 <sup>3</sup>
8.	SOFTWARE AND HARDWARE ( Single point control of	A) LIBRARY :Latest version of NIST Library for Pesticides	Requirement of NIST library has beer deleted
	Software & Hardware)	<b>B)SOFTWARE :</b> Complete system and software configuration must be 21 CFR Part 11 compliant.	Requirement of Head Space Auto Sampler, Automation and event control

Software: Windows Based software with multitasking and capable of performing the following functions: acquire, store, process and reproduce the data. It must be able to control all the devices from same software. Quantification software for batch process must confirm the analytes as per regulatory requirements in food and environmental sample analysis as per the applications specified. All Flow Controller i.e. Carrier flow, Make-up flow, Hydrogen flow, Air flow etc. value should set through Software by PC. Head Space Auto Sampler, Automation and event control from PC through same software.IQOQ of the system as well as software must be provided.

from PC through same software has been deleted

द्वारा आमंत्रित: हेड (केन्द्रीय प्रयोगशाला), भारतीय मानक ब्यूरो 20/9, साईट IV, साहिबाबाद इंडस्ट्रियल एरिया, साहिबाबाद – 201010 फोन: 0120-4177107,4177150 मेल आईडी: cl@bis.org.in INVITED BY: Head(CL) BUREAU OF INDIAN STANDARDS

> **Sahibabad, UP-201010** PH. 0120-4177107,4177150 mail id: cl@bis.org.in

20/9, site – IV ,Sahibabad Industril Area,