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(JOOUST)**

REF: JOOUST/ONT/001/2018-2019

DATE:14/11/2018

TO: ALL BIDDERS

RE: CLARIFICATION ON TENDER NUMBER JOOUST/ONT/001/2018-2019 FOR SUPPLY DELIVERY INSTALLATION TESTING AND COMMISSIONING OF LABORATORY EQUIPMENTS

QUESTION ONE

I. This is what it says; 11. DESKTOP GC (supply with different detectors): Preferred model: Agilent 7890B Fitted with different detectors: FID detector, UV Detector, UV-VIS Detector, Diode Array Detector, Fluorescence Detector, RI Detector and MS Detector.

The highlighted detectors are HPLC detector not GC.

GC Equipment has FID, ECD, NPD detectors and mass spectrometer. This would be my recommendations;

1. If you guys want to go for a standalone GC where buy the samples you want to analyse you only need to do identification and quantification using a known standard of the samples then you can use single standalone GC with either FID for Flammable compounds and ECD for chemical compounds
2. If you are going to analyse unknown substances and do research then you would need to go for Mass spectrometer system with a library to help you in identification of the unknowns and you can couple it with maybe and FID or ECD detector.

ANSWER

There was a mix up of the detectors ad indeed HPLC detectors were included in the stand alone/desktop GC-MS. This has been clarified now. to read two detectors for the GC-MS namely FID and ECD detectors only

QUESTION TWO

FOR THE HPLC SYSTEM\]: THIS IS WHAT THE TENDER SAYS DESKTOP HPLC (supplied with different detectors).

Preferred model: Agilent 7890B Fitted with different detectors: UV Detector, UV-VIS Detector, Diode Array Detector, Fluorescence Detector, RI Detector and MS Detector

1. On the detectors; you can go for a system with a UV detector it the same as the uv-vis detector on hplc system which has a wide range of functionality.
2. Alternatively you can use a DAD detector which is a 3D uv-vis detector to cover more applications.