



Bids and Awards Committee for Goods and Services

October 21, 2020

BID BULLETIN NO. 1

This Bid Bulletin No. 1 is issued to modify or amend items in the Bid Document with Solicitation No.: 20-10-115 for the **Supply and Installation of FTIR with Database**.

For the above-mentioned project, the following revisions in the bidding documents were effected:

1) Amendments to Section VII – TECHNICAL SPECIFICATIONS

<i>Before</i>	<i>Revised</i>
Supply and Installation of One (1) unit FTIR with Database	Supply and Installation of One (1) unit FTIR with Database
Wavenumber: 7,800 to 350 cm ⁻¹	Wavenumber: 7,800 to 350 cm ⁻¹
	Resolution: 0.9, 2, 4, 8, 16 cm ⁻¹
	S/N Ratio: 30,000:1 (KBr window) (peak to-peak at 4 cm ⁻¹ resolution, ~2,100 cm ⁻¹ , 1 min integration)
	Wavelength Repeatability: ± 0.0005 cm ⁻¹ at 2,000 cm ⁻¹
Beam Splitter: Germanium-coated KBr	Beam Splitter: Germanium-coated KBr
Highly stable interferometer	Highly stable interferometer
	Detector: DLATGS detector with temperature control function
Self-diagnosis just after turning on the instrument. Initialization check for optimal conditions of the Electronics, Optical and Signal systems.	Self-diagnosis just after turning on the instrument. Initialization check for optimal conditions of the Electronics, Optical and Signal systems.
	Operating Environment: Temperature: 15 to 30 °C Humidity: 20 to 90%

Two (2) sample holders for KBr pellets, agate mortar and pestle, and pelletiser	Two (2) sample holders for KBr pellets with agate mortar and pestle, and pelletiser
	Liquid cell kit with KBr cell windows for liquid samples
ATR sample cell for thin films	Diamond ATR (capable of analysing solid pellets/flakes/fibres, powders, liquids/pastes)
Microscope attachment	Microscope attachment; capable of analyzing microplastics (optionally included, but equipment should be upgradeable with such attachment otherwise)
Windows 10 computer equipped with WiFi and corresponding interface software	Windows 10 computer equipped with WiFi and corresponding interface software
Software library of FTIR spectra	Software library of FTIR spectra
	With compatible AVR and UPS (for both the PC and FTIR unit)
After Sales Services: Guaranteed availability of supplies and spare parts for at least ten (10) years	After Sales Services: Guaranteed availability of supplies and spare parts for at least ten (10) years; At least three (3) support engineers with training certificate available within Metro Manila.
Free on-site training included	Free on-site training included
Warranty: Two (2) years for parts and services; One (1) Free Preventive Maintenance within the warranty period.	Warranty: Two (2) years for parts and services; One (1) Free Preventive Maintenance within the warranty period.

This Supplemental Bid Bulletin No. 1 shall form part of the Bidding Documents. Any provision in the Bidding Documents inconsistent herewith is hereby amended, modified and superseded accordingly.

For guidance and information of all concerned.

Very truly yours,



JENNIFER C. BEKMUDEZ

BAC Chairperson – for Goods and Services