



Republic of the Philippines
 Department of Science and Technology
PHILIPPINE SCIENCEHIGH SCHOOL - CENTRAL MINDANAO CAMPUS
BIDS AND AWARDS COMMITTEE

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September 1, 2020

SUPPLEMENTAL/BID BULLETIN NO. 1
CMC GOODS 20-08-008

Subject: Corrections on Specifications and Clarification on Contract Duration

Please be informed on the following correction and clarification for the items on **Supply, Delivery, Installation and Commissioning of UV-VIS Spectrophotometer.**

A. Technical Specifications

Posted	Corrected
UV-VIS Spectrophotometer ✓ Double beam spectrophotometer for highest short and long term stability ✓ With cooled double detection (CDD) technology ✓ Real double beam system for the UV to NIR ✓ Scanning mode and multi wavelength possible in complete spectral range ✓ High scanning speed ✓ Quartz coated optics for high long term stability ✓ Passing all pharmacopeia demands (optical resolution, wavelength accuracy, photometric accuracy and reproducibility, etc) ✓ Large sample compartment ✓ Complete accessories program available ✓ Quick change of accessories ✓ Automatic accessory recognition ✓ Measurement of extremely diluted sample possible using cells up to 100mm ✓ Low costs for chemicals by using cells with small volumes ✓ Windows UV VIS software for system control, result storage and presentation ✓ Wavelength range: 190-1100nm ✓ Spectral resolution: 0.2, 0.5, 1, 2, 4 nm ✓ Linear measuring range: 0-4 A ✓ Inclusive of: <ul style="list-style-type: none"> ➢ Prealigned deuterium and halogen lamp ➢ Optical bench for accommodation of accessories ➢ PC/spectrometer connection cable 	UV-VIS Spectrophotometer ✓ Double beam spectrophotometer for highest short and long term stability ✓ with cooled double detection (CDD) technology OR EQUIVALENT ✓ Real double beam system for the UV to NIR ✓ Scanning mode and multi wavelength possible in complete spectral range ✓ High scanning speed ✓ Quartz coated optics for high long term stability ✓ passing any international pharmacopeia demands (optical resolution, wavelength accuracy, photometric accuracy and reproducibility, etc.) ✓ Large sample compartment ✓ Complete accessories program available ✓ Quick change of accessories ✓ Automatic accessory recognition ✓ measurement of extremely diluted sample (optional: possible using cells up to 100 mm) ✓ Low costs for chemicals by using cells with small volumes ✓ Windows UV VIS software for system control, result storage and presentation ✓ Wavelength range: 190-1100nm ✓ spectral resolution: 0.2 to 4 nm ✓ Linear measuring range: 0-4 A ✓ Inclusive of: <ul style="list-style-type: none"> ➢ Prealigned deuterium and halogen lamp ➢ Optical bench for accommodation of accessories ➢ PC/spectrometer connection cable

<ul style="list-style-type: none"> ➤ Appliance cable ➤ RS 232 port/USB port ➤ Driver software ➤ Spare fuses ➤ 2 pieces single-cell holder for 10...50mm cells ➤ User's manual ➤ Quartz standard cell, 10mm pathlength, 6 pcs ➤ Glass standard cells, 10mm pathlength, 6 pcs ➤ PC desktop with printer ➤ AVR, 5KVA ➤ At least 1 year warranty on parts and service ➤ Delivery, installation, commissioning and training at site ➤ Should have maintenance and calibration personnel 	<ul style="list-style-type: none"> ➤ Appliance cable ➤ RS 232 port or USB port ➤ Driver software ➤ Spare fuses ➤ 2 pieces single-cell holder for 10...50mm cells ➤ User's manual ➤ Quartz standard cell, 10mm pathlength, 6 pcs ➤ Glass standard cells, 10mm pathlength, 6 pcs ➤ PC desktop with printer ➤ AVR, 5KVA ➤ At least 1 year warranty on parts and service ➤ Delivery, installation, commissioning and training at site ➤ Should have maintenance and calibration personnel
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B. Contract Duration

- One hundred twenty (120) calendar days upon receipt of Purchase Order

For guidance and information of all concerned.

Sincerely yours,


CARLITO C. LARIOSA
 Chairperson, PSHS-CMC BAC