



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
<p>UV-VIS Spectrophotometer</p> <ul style="list-style-type: none">✓ 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) <ul style="list-style-type: none">✓ 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 <p>✓ Inclusive of:</p> <ul style="list-style-type: none">➤ Prealigned deuterium and halogen lamp➤ Optical bench for accommodation of accessories➤ PC/spectrometer connection cable	<p>UV-VIS Spectrophotometer</p> <ul style="list-style-type: none">✓ 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.) <ul style="list-style-type: none">✓ 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 <p>✓ Inclusive of:</p> <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