

SUPPLEMENTAL/ BID BULLETIN
UNIVERSITY OF THE PHILIPPINES MANILA
The Health Sciences Center
BIDS AND AWARDS COMMITTEE 3

Bid Bulletin No. 1
02 December 2021

Project Title: Supply for Microscope for the Project
“Cessation of Toluene (Rugby) Addiction in Adolescents Using a Rodent Model to Test
Pharmacological and Behavioral Treatment for Overcoming Withdrawal and Craving”
(Rebi)

(PR No. 13901)

Notice is hereby given to all interested suppliers/prospective bidders of the following
amendment/modification in the bidding documents for the above cited project:

Particular	From	To
Technical Specification and Terms and Conditions	None	PLEASE SEE ATTACHED REVISED TECHNICAL SPECIFICATION AND TERMS AND CONDITIONS SUBMITTED BY THE END-USERS.

2. All the other specifications, terms and conditions remain the same.

3. This is posted at PhilGEPS www.philgeps.gov.ph

For guidance and information of all concerned.



TRISTAN NATHANIEL C. RAMOS, DDM, MPH
Chair

Received by the bidder:

Company/Bidder:

Date: _____



NATIONAL INSTITUTES OF HEALTH

UNIVERSITY OF THE PHILIPPINES MANILA

December 01, 2021

Tristan Nathaniel C. Ramos, DDM, MPH

Chair, BAC 3

University of the Philippines Manila

Dear **Dr. Ramos**,

**Re: Revision of Technical Specifications for PR 13901 Supply for Microscope for the Project
"Cessation of Toluene (Rugby) Addiction in Adolescents: Using a Rodent Model to Test
Pharmacological and Behavioral Treatment for Overcoming Withdrawal and Craving" of
NIH-IMBB, Php 3,124,793.60, Public Bidding**


As discussed with the participating supplier/s during the pre-bid conference held on 29 November 2021, we would like to address the following requests for revisions on the technical specifications of One Microscope from PR 13901:

Specifications	Original	As Revised
One(1) Fluorescence Microscope	<ul style="list-style-type: none">Universal reflected light illuminator with field stop, aperture stop and 8-position mirror unit cassette,	to change: at least 8 position mirror unit cassette
Broadband Excitation Illuminator for Fluorescence Microscope	<ul style="list-style-type: none">Wavelength: 350-700nm LED peaks/FWHM: 365/20nm, 460/40nm, 560/80nm	NO CHANGE <i>These particular specifications are needed to meet our study objectives.</i>
	<ul style="list-style-type: none">Dimensions (WxDxH) mm (excluding rubber legs):<ul style="list-style-type: none">o Illuminator: 81x152x206o Control pad: 108x152x55o Power adapter: 72x175x35Weight: Approx. 2.6kg (including power supply, control pad)OBJECTIVE LENS:semi apochromat objective 4X/0.13,Semi Apochromat objective 10x/0.3,	to change: Illuminator, Control Pad and Power adaptor must fit comfortably within the provided room unit – possible dimensions include (WxDxH) in mm excluding rubber legs: <ul style="list-style-type: none">• Illuminator: 81x152x206• Control pad: 108x152x55• Power adapter: 72x175x35 to change: <ul style="list-style-type: none">• SEMI-APOCHROMAT OBJECTIVE LENS OR FLUORITE LENS:• objective 4X/0.13,• objective 10x/0.3,

	<ul style="list-style-type: none"> • semi apochromat objective 20x/0.5, WD 2.1 (spring) 398 • semi apochromat objective 40x/0.75, WD 0.51 (spring) 584 • Semi Apochromat objective 100X/1.3, WD 0.2 (spring, oil) 	<ul style="list-style-type: none"> • objective 20x/0.5, WD 2.1 (spring) 398 • objective 40x/0.75, WD 0.51 (spring) 584 • objective 100X/1.3, WD 0.2 (spring, oil)
Digital Camera (Brand New)	<ul style="list-style-type: none"> • Camera type: Single chip color CMOS (pixel shifting) • Camera interface cable: Approx. 2.5m • External trigger cable: Approx. 0.2m • Camera 	<p>NO CHANGE</p> <p><i>We will not be revising the specs to accommodate monochrome cameras with lower resolution, as our intended objective is to procure one high-resolution colored camera that can accurately capture both brightfield and fluorescent images.</i></p> <p>to add: <u>at least</u> 5760 x 3600 resolution (pixel shifting, 3 CMOS mode)</p> <p>to add: Camera resolution: 20MP</p> <p>to change: Camera interface cable: Approx. 2.5m or with camera attachments compatible with unit</p> <p>to change: External trigger cable: Approx. 0.2m Camera or with camera attachments compatible with unit</p>
PC Set Processor	<ul style="list-style-type: none"> • Microscope unit should have a compatible Anti-Vibration Table 	<p>NO CHANGE</p> <p><i>We will still prefer the inclusion of an anti-vibration table in anticipation of unexpected noise sources and vibration disturbances in the laboratory.</i></p>

Attached is the revised version of the technical specifications for clarity and for your reference. We are hoping for your consideration and continued support. Thank you very much.

Sincerely,


ROHANI CENA NAVARRO, DVM, MSc
 Project Leader

TECHNICAL SPECIFICATIONS

ONE (1) FLUORESCENCE MICROSCOPE

- Microscope frame
- Trinocular tube
- Coded sextuple revolving nosepiece with a slot for analyzer or DIC slider, including cable clamp (2 pcs. Corresponded to RoHS and WEEE regulations)
- Ceramic surface mechanical stage with right-hand low drive control (long type)
- Specimen holder for stage, left hand, for two specimens, thick type
- Swing out condenser
- High power LED lamp housing
- Light balancing filter or its equivalent
- Power cord
- Dust cover type fitted to the unit
- Universal reflected light illuminator with field stop, aperture stop and **at least** 8-position mirror unit cassette, including UV protective shield
- shield plate
- Allen wrench
- indication plate
- shield cap
- (4 pcs) Corresponded to RoHS regulation

Broadband Excitation Illuminator for Fluorescence Microscope

SPECIFICATIONS:

- Wavelength: 350-700nm LED peaks/FWHM: 365/20nm, 460/40nm, 560/80nm
- External power supply: Universal input 100-240 VAC, 60Hz
- Power consumption: 138 W LED on/off response time: 1ms
- Control pad: On/off; LED intensity adjustment (all/single channel)
- Illuminator, Control Pad and Power adaptor must fit comfortably within the provided room unit – possible dimensions include (WxDxH) in mm excluding rubber legs:
 - Illuminator: 81x152x206
 - Control pad: 108x152x55
 - Power adapter: 72x175x35
- **SEMI-APOCHROMAT OBJECTIVE LENS OR FLUORITE LENS:**
 - o objective 4X/0.13,
 - o objective 10x/0.3,
 - o objective 20x/0.5, WD 2.1 (spring) 398
 - o objective 40x/0.75, WD 0.51 (spring) 584
 - o objective 100X/1.3, WD 0.2 (spring, oil)
 - o Widefield eyepiece 10X
 - o Widefield eyepiece 10X, focusable
 - o Immersion oil 30cc.
 - o Low level auto-fluorescence.
- Mirror unit for fluorescence microscopy, wide band interference green excitation
 - o with exciter filter
 - o dichroic beamsplitter

- o and barrier filter,
 - o including plastic case
- Mirror Unit for fluorescence microscopy, wide band Blue excitation,
 - o exciter filter
 - o dichroic beamsplitter
 - o barrier filter
 - o including plastic case
- Mirror Unit for fluorescence microscopy, wide band UV excitation
 - o exciter filter
 - o dichroic beamsplitter
 - o barrier filter
 - o including plastic case

Digital Camera (Brand New)

SPECIFICATIONS:

- Camera type: Single chip color CMOS (pixel shifting)
- Cooling system: Peltier device
- Imaging Sensor: Size: 1/1.2 inch 2.35 megapixels color
- CMOS Shutter type: Global shutter
- Camera mount: C-mount or its equivalent
- at least 5760 x 3600 resolution (pixel shifting, 3 CMOS mode)
- Camera resolution: 20MP
- Effective image resolution:
 - o 5760 x 3600 (pixel shifting, 3-CMOS mode)
 - o 2880 x 1800 (pixel shifting, 3-CMOS mode)
 - o 1920 x 1080 (1 x 1)
 - o 1600 x 1200 (1 x 1)
 - o 960 x 600 (1 x 1)
 - o 960 x 600 (2 x 2)
- ROI Gain: 0.5X/1X/2X/4X/8X/16X
- AVD: 12 bit
- Exposure control:
 - o Modes: Auto, SFL-Auto, Manual Adjustment: +2.0
 - o EV step: 1/3 EV Time: 39 us to 60 s
 - o Metering modes:
 - o Full image, 30%, 1%, 0.1%
 - o Binning: 2 x 2
- Live frame rate *1:
 - o 1920 x 1200 (1 x 1): 60 fps
 - o 1920 x 1080 (1 x 1): 60 fps
 - o 1600 x 1200 (1 x 1): 60 fps
 - o 960 x 600 (1 x 1, 2 x 2): 60 fps
- Still image transfer time: 5760 x 3600 (3-CMOS): approx. 9s
- Color space: sRGB, AdobeRGB

- Image file format: File formats supported by Steam Software OS *2: Windows 10 Pro (64bit) Microsoft ® Windows® 8.1 Pro (64 bit) Microsoft ® Windows® 7
- Ultimate/ Professional SPI (32 bit/64 bit)
- = Language: English
- Dimension, weight, Camera head (without protrusion) is compatible with unit
- Camera interface cable: Approx.2.5ml or with camera attachments compatible with unit
- External trigger cable: Approx. 0.2ml Camera or with camera attachments compatible with unit
- 0.63X lens, C-mount compatible to the camera or its equivalent
- cellSens software including license and installer or its equivalent
- Install manual
- Power cord

PC Set Processor:

- Intel core i7 Memory: 8GB 2400 DDR4
- Hard Drive: 1 TB
- Operating System: Windows 10
- Mouse & Keyboard Casing with Power Supply: 700watts psu
- Monitor 23.6" with HDMI & VGA output
- Antivirus for 1 user
- Lifetime Subscription Microsoft Office 2019
- Microscope unit should have a compatible Anti-Vibration Table

Terms and Conditions:

Delivery Period: 75-120 government working days from receipt of P.O.

Delivery Address: G/F Central Laboratories (Institute of Molecular Biology and Biotechnology), National Institutes of Health Bldg., UP Manila, 623 Pedro Gil St., Ermita, Manila, 1000

Warranty Terms: Three (3) years against manufacturing defect/s on parts and three (3) years on services

Pricing Terms: VAT Inclusive

Please see Full Terms and Conditions Attached