



**REQUEST FOR QUOTATION
NEGOTIATED PROCUREMENT
SECTION 53.1**

DATE : OCTOBER 31, 2023

PROJECT NO. : QCU-23-LSE-1129B

Name of Company : _____
Address : _____
Contact No. : _____
Project Title : PROCUREMENT OF VARIOUS EQUIPMENT AND APPARATUS FOR
PHYSICS AND CHEMISTRY LABORATORY ROOMS
Approved Budget of
the Contract : Php16,752,000.00
End-User /
Implementing Office : QUEZON CITY UNIVERSITY

Please quote your best offer for the item/s described below, subject to the Terms and Conditions provided. Submit your quotation duly signed by you or your duly authorized representative not later than **NOVEMBER 7, 2023; 10:00 a.m.** Philippine Standard Time, together with the following documents of your company:

- 1 PhilGEPS certificate (not expired on the time of opening of quotations);
- 2 Business Registration (DTI/SEC)
- 3 Mayor's/Business Permit (2023);
- 4 Tax Clearance; and
- 5 Omnibus Sworn Statement prescribed by the **QC BAC- Goods and Services**
- 6 Income/Business Tax Return (for FY 2022) (For ABCs above P500,000.00)
- 7 If applicable, the JVA in case the joint venture is already in existence, or duly notarized statements from all the potential joint venture partners stating that they will enter into and abide by the provisions of the JVA in the instance that the bid is successful.

in a **SEALED LONG BROWN ENVELOPE issued by QC BAC- Goods and Services.**


MA. MARGARITA T. SANTOS, DPA
Chairperson, BAC- Goods and Services

TERMS AND CONDITIONS

1. Bidders shall **provide correct and accurate** information required in this form.
2. Price quotation/s must be valid for a period of thirty (30) calendar days from the date of submission.
3. Price quotation/s, to be denominated in Philippine Peso shall include all taxes, duties and/or levies payable.
4. Quotation **exceeding** the Approved Budget for the Contract (ABC) shall be **rejected**.
5. Award of contract shall be made to the lowest quotation (for goods) or the highest rated offer (for consulting services) which complies with the minimum technical specifications and other terms and conditions stated herein.
6. Any interlineations, erasures or overwriting shall be valid only if they are signed or initialed by you or any of your duly authorized representative/s.
7. The City General Services Department (CGSD) shall have the right to inspect the goods.
8. Non-submission of eligibility documents shall mean disqualification of Quotation.
9. Liquidated damages equivalent to one tenth (1/10) of one percent (1%) of the value of the goods not delivered within the prescribed delivery period shall be imposed per day of delay. CGSD shall rescind the contract once the cumulative amount of liquidated damages reaches ten percent (10%) of the amount of the contract, without prejudice to other courses of action and remedies open to it.
10. Failure to follow these instructions will disqualify your entire quotation.

After having carefully read and accepted the Terms and Conditions, I/We submit our quotation/s as follows:

ITEM NO.	ITEM & DESCRIPTION	UNIT OF ISSUE	QTY.	UNIT PRICE	ITEM TOTAL
1	Free Fall (Steel Ball) Specification: 1 - Free Fall Base 2 - Free Fall Bracket: 1 - Electromagnet 1 - Target 1 - Immovable Holder 1 - Steel Ball 1 - Photogate Electronic Timer 3 - Photogate	unit	5		
2	Atwood's Machine Pulley diameter : 5.1cm (2 inches) Pulley outside circumference: 16cm (6.3 inches) Pulley groove circumference: 15cm (5.9 inches) Pulley mass (approx.): 5g Pulley moment of inertia (approx.): 1.8 x 10kg-6kg*m2	unit	9		
3	Air Track Specification: 1 - Air Track 1.5m 1 - Low-volume Pump 1 - Cart (Big) 2 - Cart (Small) 6 - Weight 10g 4 - Movable Connector 1 - Accessory Set 1 - Photogate 1 - Photogate Electronic Timer	unit	5		
4	Back and Leg Dynamometer Baseline Back Leg Chest Dynamometer Standard Platform, 330lb. Muscle strength measurement Job task analysis Functional capacity evaluation (FCE)	unit	2		
5	Conductivity Apparatus Benchtop Conductivity/TDS/Salinity Meter Signal Conversion Board (Transmitter) V2 Supply Voltage: 3.0~5.0V Output Voltage: 0~3.4V Probe Connector: BNC Signal Connector: PH2.0-3Pin Measurement Accuracy: ±5% F.S. Board size: 42mm x 32mm/1.65 inches x 1.26 inches Electrical Conductivity Probe Probe Type: Laboratory Grade Cell Constant: 1.0 Support Detection Range: 0~20ms/cm Recommended Detection Range: 1~15ms/cm Temperature Range: 0~40°C Probe Life: >0.5 year (depending on frequency of use) Cable Length: 100cm	unit	2		

6	Distillation Apparatus A distillation device which is used for heating the mixture and volatilizing the components, secondly condenser; used for cooling the vapors back to liquid state, and lastly collection vessel Includes: 5 pieces Plastic clip for 24/29 joint 1 piece Vacuum Take-off Adapter, 24/29, 105° bend 1 piece Vigreux Distillation Column with arm, 24/29 1 piece Celsius Thermometer, 24/29 1 piece Round bottom flask, single neck, 1,000ml, 24/29 1 piece Round bottom flask, single neck, 500ml, 24/29 1 piece Liebig Distillation Column, 200mm, 24/29 Rubber Bleed Hose, ID 6mm, OD 9mm, 1M	unit	10		
7	Dexterity Test Complete Minnesota manual dexterity test measures capability for simple eye-hand-finger movement speed and dexterity. Five sub-tests include: placing, turning, displacing, one-hand turning, and two hand turning and placing. Set includes 2 folding boards, 60 blocks, carrying case, and instruction manual. Detection Range: 0~20ms/cm Recommended Detection Range: 1~15ms/cm Temperature Range: 0~40°C Probe Life: >0.5 year (depending on frequency of use) Cable Length: 100cm	unit	10		
8	Dynamic Cart Advanced Dynamics Cart Set, 3 Wheels Plastic carts with deep wells for additional masses includes 2 rubber bumpers for in elastic collisions, to spring looks for elastic collision. It measures 13cm x 5cm x 3.5cm and has a mass of 70 grams	unit	5		
9	Centripetal Force Specification: 1 - Centripetal Force Base 1 - Aluminum Platform Scale 1 - Speed Regulator 1 - DC Power Supply (9V) 2 - AV Connection Cable 1 - Level Indicator 1 - Movable Connector 8 - Pulley; (1) L-shaped Weight Holder 25g; 1 - Weight 10g; (1) Rotating Body 100g; (1) DC Motor; 1 - Drive Belt; (1) Rotating Body Hanger; 1 - Centripetal Force Indicator; (2) Adjustable Feet; 1 - Balance Weight; (1) 60-Grid Fence; 1 - Photogate; (1) Photogate Electronic Timer	unit	3		
10	Digital Stopwatch Waterproof Show hour, minute, second, AM/PM indicator, month, data, and day of the week. You can select 12 or 24 hours user with this chronograph digital sports stop watch. This chronograph stop watch with alarm and hourly chime function. With compass design, give you more convenience. High quality with excellent performance Specifications: Material: Plastic Color: Black Powered by: Button battery (included) Size (L x W x H): 8cm x 6cm x 2cm	piece	40		
11	Economy Analog Power Supply An Ideal power supply for school lab. It has a DC output from 0-30 amps. The voltage adjust knob controls all three output while volt and amp display the desired setting	unit	10		
12	Free Fall Apparatus Includes 3 steel balls, three contact pins under the release mechanism, stainless surface and read off a scale on the scale	unit	10		
13	Frictionless Dynamic Track This traditional cart and track system features an aluminum track (1.2m or 2.2m length), two low-friction, plastic carts, an ultra-pulley, and all of the necessary attachment accessories	unit	5		
14	Goniometer One arm has a linear scale in inches and centimeters Scale reads 1 degree increments 360 Degrees ISOM 12 inches goniometer made of plastic	unit	4		
15	Hand Dynamometer Dual-scale readout displays isometric grip force from 0-200 lbs. (90kg). Peak-hold needle automatically retains the highest reading until reset. Handle adjusts easily to five grip positions, from 1 3/8 inches to 3 3/8 inches in half-inch increments	unit	4		
16	Hooke's Law Apparatus Specification:	unit	5		

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	<ul style="list-style-type: none"> 1 - Experimental Base and Supporting Bracket 2 - Hook Connector 1 - Spring set: 0.5N,1N,2N,3N,5N 1 - Weight 250g 1 - Movable Bracket Connector 2 - L-shaped Bracket 2 - Simple Harmonic Motion-Weight Hold 1 - Simple Harmonic Motion-Fixer 				
17	<p>Mechanical Collision Motion (Ballistic Pendulum)</p> <p>Specification:</p> <ul style="list-style-type: none"> 1 - Base 1 - Cannon Bracket 1 - Cannon 1 - Steel Ball 2 - C-Shaped Clip 1 - Cannon Rod 1 - Free Fall Set 1 - Laser Set 1 - Digital Photogate Timing System 1 - Shooting Target 	unit	5		
18	<p>Large Bone Caliper</p> <p>Anthropometer, 60cm</p> <p>Range of 0 to 60cm in 0.1cm increments (with an accuracy of 0.5mm). Popular uses include measuring shoulder width, long bone length and chest depth for tracking growth, and development of children or for use in motion analysis studies. The sliding C-shaped arm provide accurate and precise measurements.</p>	unit	10		
19	<p>Pegboard Test</p> <p>The Purdue pegboard is a useful aid in determining a person's manipulation and dexterity capabilities. It can measure gross movements of the hands, fingers and arms, and evaluate dexterity of the fingertips. The board consists of two parallel rows of 25 holes each. Pins (pegs) are located at the extreme right-hand and left-hand cups at the top of the board. Collars and washers occupy the two middle cups.</p>	unit	10		
20	<p>Sound Level Meter</p> <p>Large LCD display</p> <p>Time weighting and frequency weighting meet IEC 61672 class 2</p> <p>Condenser microphone for high accuracy & long-term stability</p> <p>3 manual ranges – 30 dB to 80 dB, 50 dB to 100 dB, 80 dB to 130 dB</p> <p>Large LCD display (size: 49mm x 25.5mm)</p> <p>MAX. HOLD function for storing the maximum value</p> <p>Warning indicator for over and under load</p> <p>Strong and light weight ABS-plastic housing case</p>	unit	10		
21	<p>Triple Beam Balance</p> <p>With Counter Weight Sliding-poise beam on the front for fine weight adjustments up to 10g x 0.1g. Stainless Steel Flat Round Surface for weighing objects</p>	unit	10		
22	<p>Projectile Motion</p> <p>Specification:</p> <ul style="list-style-type: none"> 1 - Base 1 - Cannon Bracket 1 - Cannon 1 - Steel Ball 2 - C-Shaped Clip 1 - Cannon Rod 1 - Free Fall Set 1 - Laser Set 1 - Digital Photogate Timing System 1 - Shooting Target 	unit	5		
23	<p>Rotational Inertia</p> <p>Specification:</p> <ul style="list-style-type: none"> 1 - Rotating Base 1 - T-shaped Bracket 1 - Movable Connector 1 - Movable Bracket Connector 1 - Pulley; (1) Free Fall Stand 1 - Photogate Electronic Timer; (1) Photogate; 1 - Rotating Disk; (1) Thin Hoop; (1) Hollow Cylinder; 1 - Thin Spherical Shell; (1) Solid Sphere; (1) Solid Cylinder; 1 - Rod; (1) Rectangular Plate; (1) Fixed Bar; (1) Fixed Bar (Disk); 1 - Fixed Bar (Thin Spherical shell); (Fix Bar Solid Shape) 	unit	5		
24	<p>Analog Multimeter</p> <p>Elastomer material absorbs shock from fall</p> <p>High-durability nylon-woven copper lead</p> <p>Using elastomer material improves flexibility and reduces the stress on the lead wire and the probe when bent.</p> <p>Bandwidth : 40~10kHz (50V and below)</p>	unit	40		

25	Sonometer System Specification: 1 - Sonometer Base 1 - Tension Adjuster 1 - Tension Adjustable Rod 2 - Adjustable Holder 2 - Adjustable Coil Set 1 - Iron Wire 1 - Weight 1 - Digital Frequency Generator Amplifier Frequency Range: 0.01Hz-9999.9Hz; Precision: 0.01Hz; Amplitude: 1-99%; Power: 110V/200V; USB Port XI; Stroboscope Por X4; 5W Illumination; 210 lumen	unit	3		
26	Toy Car Assembly Assemble an awesome cool looking racing car. Completely take apart car and put it back together with power drill. Race car measures 7.5 inches x 3.5 inches x 2.5 inches, 30 pieces set includes 5 car parts, 5 modification parts, 8 tires, drill and screws. When the engine is turned on, the take apart toy car gives off realistic sounds and lights.	unit	20		
27	Fume Hood with Base Cabinet Standard air by pass with 100mm wide full double wall assembly, counter balance safety sash glass and built in motor/blower Dimensions: Width: 1,000mm, Depth: 760mm, Height: 900mm base to counter top, 1,500mm hood unit, 2,400mm overall height Table Top: Molded resin table top (acid resistant), 1 piece molded edgeless and semi-gloss finish with cup sink with complete sets of P-trap and drain fittings. (all resistant acid) Exterior: Corrosion resistant and removable molded resin panels, concealed screws and fasteners and self-lacking catch assembly Interior: Acid resistant molded resin, seamless and edgeless finish 1 piece molded type with collared hole provisions for the 8 inches diameter hole for the exhaust system Features: 1-20 watts vapor proof lighting, 1- electric outlet double gang 220VAC, 1-Sirocco blower with 8 inches inlet diameter and motor, 1- Gas spigot with isolation valve, 1-base cabinet without lock with two (2) concealed hinge swing doors Ducting: (Installation for One Storey Building Only) 1 - Fiberglass duct pipe 8 inches dia. x 12 inches long 2 - Fiberglass duct elbow 8 inches dia. 1 - Fiberglass duct coupling 8 inches dia. 1 - Fiberglass weather cup (PPrice includes ducting installation for one storey building only) (maximum of 12ft. in length).	unit	2		
28	Sit and Reach Anthropometer Used to perform sit and reach testing for fitness tests such as the President's Challenge. It comes with scales printed in inches and centimeters. The sit and reach box is made of sturdy material. It has built-in foot plate and a maximum stretch indicator. Dimensions (approx.): 30 inches x 12 inches x 13 inches when assembled	unit	2		
29	Small Bone Caliper Anthropometer, 30cm Range of 0 to 30cm in 0.1cm increments (with an accuracy of 0.5mm). Uses include measuring wrist, elbow, knee, and ankle widths, as well as measuring smaller muscle masses like the bicep and calf. The sliding C-shaped arm provides accurate and precise measurements	unit	10		
30	Mechanics Demonstration Kit Specification: Fixed Pulley; Free Pulley Single; Free Pulley – Double; First-Type lever; Second-type lever; Third-type lever; Balance; Wheel and Axle; Gear Set; Incline; Pendulum; Three forces equilibrium; Hooke's Law; Friction.	kit	5		
TOTAL:					

Amount in Words: _____

Delivery Period : Thirty (30) Calendar Days

Warranty : _____

Signature over printed name

Office Telephone No./Fax/Mobile No.

Date

Email Address

Other Requirement/s:

Statement of Warranty – minimum of one (1) year for all items.