



# University of Science and Technology of Southern Philippines

Alubijid | Balubal | Cagayan de Oro | Claveria | Jasaan | Oroquieta | Panaon | Villanueva

## BID FORM

NAME OF THE PROJECT : **PROPOSED PROCUREMENT OF THE SUPPLY AND DELIVERY FOR CHEMISTRY AND PHYSICS LABORATORY SUPPLIES FOR USTP-ALUBIJID CAMPUS**

APPROVED BUDGET OF : **NINE HUNDRED NINETY THOUSAND PESOS AND 00/100 (P990,000.00)**

BRIEF DESCRIPTION : **SUPPLY AND DELIVERY FOR CHEMISTRY AND PHYSICS LABORATORY SUPPLIES FOR USTP-ALUBIJID CAMPUS**

SOURCE OF FUND : **GOP CY 2022**

CONTRACT DURATION : **SIXTY (60) CALENDAR DAYS (PARTIAL BID)**

ITEM NO.	DESCRIPTION/SPECIFICATIONS	QTY	UNIT	USTP APPROVED UNIT PRICE	UNIT PRICE	AMOUNT
1	Slotted masses Item Weight 5-500g Material Stainless Steel	5	set	2,200.00	P	P
2	Pump (- Max. Infusion Distance: 90 mm - Acceptable Sample Syringe: 5µl – 60ml - Linear Speed: 7.9 µm/min - 79.4 mm/min - Adjusting Resolution: 7.9 µL/min - Distance Resolution: 0.165 µm - Linear Force: > 90 N - Setting Mode: Membrane keypad and rotary coded switch - Control Accuracy: <0.5% (when the stroke is more than 30% of the full stroke) - Display: 128x64 Graphic LCD - External Control Interface: Start/Stop control, fast forward control, fast reverse control - Communication Interface: RS485 - Power Supply: AC 100 V - 240 V or DC12V - Power Consumption:< 40W - Operating Condition: Temperature 0 to 40°C, relative humidity < 80% - Controller Dimensions (L x W x H): 235 x 178 x 74 (mm) - Controller Weight: 0.9Kg - Drive unit Dimensions (L x W x H): 245 x 100 x 95 (mm) - Weight: 1.3 Kg - IP Rating: IP41 )	1	unit	3,400.00	P	P
3	Cabinets for Laboratory ( W85xD40xH185 cm ) Grey Made of 0.6 mm thick cold-rolled steel sheet in the powder-coated finish with 2.5 mm thick ordinary glass. Normal lock with key.)	4	pc	16,000.00	P	P
4	Centripetal Force Apparatus (Rotating arm length 24.6 cm Motor 12 VDC, 0.5 A Frame dimensions 15 x 11.5 x 8.5 cm Frame mass 2.10 kg Free mass holder mass (with screws) 4.0 g Fixed mass holder mass (with screws) 2.5 g Ball bearing swivel mass 12.5 g )	2	pcs	7,500.00	P	P
5	Cork (High quality rubber material, non-toxic, non-irritating, corrosion resistant from acid and alkaline. Rubber plug is in chemical experiments used to seal equipment, mainly used in pharmaceutical, chemical, mechanical, and scientific research industry. Stopper or plug, is mainly used for the container or sealed glass tube perforation of the carrier. (which can be conveniently used to make holes in the diameter of each of them). Type: Rubber Stopper Material: Rubber Temperature Range: -20 ~ 100 Celsius Degree Features: Non-toxic, Corrosion Resistant, Easily Perforated Size: (Upper Diameter x Lower Diameter x Height) 000#: 12.5 x 8 x 17mm )	5	pcs	300.00	P	P

ITEM NO.	DESCRIPTION/SPECIFICATIONS	QTY	UNIT	USTP APPROVED UNIT PRICE	UNIT PRICE	AMOUNT
6	Cutter Blade (Color Family: Silver Size & Spec.:100x15x8MM(box) Material: Carbon tool steel Spec. 1 : 0.4x9x70MM(blade) Spec. 2: 8 snap-off blades Sales Point 1: Hard SK5 steel blade for easy cutting Sales Point 2: Easy access and hangable PP box package Sales Point 3: 30 degree blade tip for sharper, easier cutting )	13	pcs	50.00	P	P
7	Digital Multi-Tester ((Basic Features: Counts: 50,000 True-rms readings: ac+dc Basic dc accuracy: 0.025% Wide bandwidth: 100kHz Auto/Manual ranging: • / • Digits: 4-1/2 Measurements: Voltage ac/dc: 1000V Current ac/dc: 10 A Resistance: 500 MΩ Frequency: 1 MHz Capacitance: 100,000 μF Temperature: (+) 1350 °C Conductance: 50 nS/ 60 dB)	10	unit	6,000.00	P	P
8	Digital Oscilloscope 100M Hz 1G SA 2 CH Color TFT (320x234)5.7-inch LCD screen Memory depth of ADS1000 is 4K and that of ADS1000M is 2M	4	unit	30,000.00	P	P
9	Dynamic Cart and Frictionless Dynamic Track (Combination 1.2 m Track/Optics Bench; Standard Cart with magnetic and hook-and-pile end caps;Plunger Cart with magnetic and hook-and-pile end caps; 4 hexagonal masses, 125 g each; Mounting hardware for Dual-Range Force Sensor and accelerometers; Adjustable End Stop;2 Adjustable Two-Foot Levelers; Motion Detector Bracket;Motion Detector Reflector Flag Rod Clamp; 2 Photogate Brackets; Ultra Pulley; Pulley Bracket Fasteners for Force Sensor and Accelerometer)	5	set	20,000.00	P	P
10	Fuse wire (Length: 60m Outer Diameter: 0.71mm Maximum Operating Temperature: +1150°C Conductor Material: Nickel Chrome Alloy )	3	meter	3,000.00	P	P
11	Glass plate of size similar to friction board Type: Clear, Size: 4" x 4"	5	pcs	300.00	P	P
12	Hanging mass Item Weight 500g Material Stainless Steel	10	pcs	200.00	P	P
13	Laboratory Stool for Physics and Chemistry Laboratory (Laboratory Stool for Physics and Chemistry Laboratory (Seat Size: W30xD30cm Height: 76 cm Molded resin seat board, epoxy coated steel legs and frames with hard rubber footing.)	59	pc	4,000.00	P	P
14	Mass with Hook (Capacity (g) 500,00 g Capacity (kg) 0,50 kg Material Stainless Weight class M1 )	5	pcs	1,300.00	P	P
15	Metal Rods (10mm steel bar weight:- 10mm of steel bar, rod)	5	pcs	170.00	P	P

ITEM NO.	DESCRIPTION/SPECIFICATIONS	QTY	UNIT	USTP APPROVED UNIT PRICE	UNIT PRICE	AMOUNT
16	Metal stand (Material : iron Color:Blacksilver Size: Length of pole: 50cm Base: 19x12cm	5	pcs	800.00	P	P
17	Phenolphthalein Sulfuric Acid Solution DO meter (Phenolphthalein, Indicator Solution in 95 Percent Isopropyl Alcohol, Concentration 1 Percent w/v, Chemical Container Material Plastic, Chemical Container Type Bottle, Chemical Grade Lab, Chemical Container Size 500 mL, Chemical Family Type Standards and Solutions, Shelf Life 24 mo .)	5	pcs	4,000.00	P	P
18	Platform/Triple Beam Balance ( Capacity: 2610g Readability: 0.1g Pan Size: 152mm ø Weighing Units: g Stabilization Time (sec): 3 Calibration: External Display: Graduated beam with 7mm-high digits Housing: Die-cast aluminum Overall Dim: 550x110x160mm (wxdxh) Net Weight: 2.7kg	5	unit	4,600.00	P	P
19	Power Supply (( Specification for 0-40 V/0-50A DC Power supply) Input: 230 V AC,+/- 10%, 50 Hz, Single phase. Output Voltage: 0 – 40 V DC continuously variable through coarse and fine potentiometers. Load current: 0 – 50 Amps (with settable limit from 0.2 A to 52 Amps max. thorough Coarse and Fine Potentiometers Line Regulation: +/- 0.015 % of max output voltage or better for variation in input voltage. Load Regulation: +/- 0.015 % of max output voltage or better for variations load current. Ripple: Less than 2 mV rms or 10 mV peak to peak. Protections: a) Fuse protection is provided at AC Input. b) Unit Output is protected against overloads and short circuits. c) Miniature Circuit Breaker is provided at AC Input. Controls: a) ON/OFF Circuit Breaker at AC Input b) Coarse and Fine Voltage set potentiometers on front panel. c) Coarse and Fine Current set potentiometers on front panel. )	4	unit	49,900.00	P	P
20	Ramp/launcher Ranges 1.2, 3, 5 m Launch Angles 0 to +90° Launcher Length 21 cm	5	pcs	400.00	P	P
21	Spring Spring constants range from 4 N/m to 14 N/m. Spring lengths vary between 11 cm and 22 cm.	64	pcs	300.00	P	P
23	Time of flight receptor pad	5	pcs	1,400.00	P	P
24	Tripod (Rings and legs made of chromeplated steel Round ring Triangular sharped With rubber caps Diameter 150mm Height 200mm )	5	pcs	760.00	P	P

ITEM NO.	DESCRIPTION/SPECIFICATIONS	QTY	UNIT	USTP APPROVED UNIT PRICE	UNIT PRICE	AMOUNT
25	Waveform Signal Generator (5MHz AC 110-220V 2Channels 100MSa/s Sweep Modulation Shift Keying Burst Function )	4	unit	20,000.00	P	P
					<b>TOTAL:</b>	<b>P</b>


Total Bid Price in Figure: \_\_\_\_\_

Total Bid Price in Words: \_\_\_\_\_

Name and Signature of Bidder: \_\_\_\_\_

All bid proposals must be sealed in envelopes properly labeled and submitted to this University on or before the deadline of submission of bids, **December 20, 2022, 02:00 P.M.** at the Procurement Services, 2nd Level Gymnasium Lobby, University of Science and Technology of Southern Philippines, C.M. Recto Ave., Lapasan Cagayan de Oro City.

The University of Science and Technology of Southern Philippines assumes no responsibility whatsoever to compensate or indemnify bidders for any expenses incurred in the preparation of the bid. The USTsP neither assumes any obligation for whatsoever losses that the bidders may incur in the preparation on their bids nor guarantee that an award will be made.

  
**ATTY. ERWIN B. BUCIO**  
 BAC #1 Chairperson 4