



Republic of the Philippines
Caraga State University
Ampayon, Butuan City
Tel. No. (085) 342-3047 Fax No. (085) 342-1079
URL: <https://www.carsu.edu.ph>
Email Address: op@carsu.edu.ph

Project Reference number: **6921756**
Name of Project: **TO PROVIDE PHYSICS
LABORATORY EQUIPMENT AND
MATERIALS FOR THE OPERATION OF CSU
PHYSICS DEPARTMENT IGF-164-20-03-100**
Location of Project: **CARAGA STATE
UNIVERSITY**

NOTICE OF AWARD

June 15, 2020

ScienceStar Corporation
Pasig City

Dear Sir / Madam:

We are happy to notify you that the TO PROVIDE PHYSICS LABORATORY EQUIPMENT AND MATERIALS FOR THE OPERATION OF CSU PHYSICS DEPARTMENT IGF-164-20-03-100 is hereby awarded you as the bidder with the Lowest Calculated and Responsive Quotation at a Contract Price of Equivalent to FIVE HUNDRED EIGHTY THOUSAND THREE HUNDRED EIGHTY-ONE PESOS ONLY. (Php. 580,381.00).

QTY	Unit	Description	BID PRICE	TOTAL PRICE
1	LOT	<p>BASIC CALORIMETRY SET, Offer: TD 8557B</p> <ul style="list-style-type: none">*Calorimeter cup with lid,*Alcohol Thermometer: 20 °C to 110 °C in 1° increments,*Samples of aluminum, copper, brass, zinc, and stainless steel: 80g each,*Water trap and plastic tubing,*Instruction manual and experiment guide. UNIT: SET, QUANTITY: 1 <p>GREEN DIODE LASER, OFFER: OS -8458B</p> <ul style="list-style-type: none">*Output Power: <1 mW,*Wavelength: 515nm,*Power Supply: 9- V adapter (included),*Beam Diameter at aperture: 3mm,*Divergence: < 2 mrad. UNIT: UNIT, QUANTITY: 1 <p>LAB JACK-MEDIUM, *Platform size: 15 cm x 15cm,</p> <ul style="list-style-type: none">*Max. height: 7-25cm,*Load: 25kg. <p>OFFER: SE-9373 UNIT: UNIT, QUANTITY: 1</p> <p>LIGHT, COLOR, AND OPTICS KIT, OFFER: EP -3558</p> <ul style="list-style-type: none">*1.2m aluminum dynamics track (ME-9493),*50mm optics mounts (3),*Wireless light source (EP-3560),*AC adapter/charger,*Refraction tank,*Triangular prism,*Phosphorescent plastic,*50mm convex lens - 10cm f.l.,*50mm convex lens - 20cm f.l.,*50mm convex lens - 50cm f.l.,*50mm concave lens - 20cm f.l.,*50mm convex mirror - 20cm f.l.,*50mm concave mirror - 25cm f.l.,*50mm screen,*50mm diffraction grating,*Eyeglasses,*Mirror,*Round Mirror,*Diffraction grating,*Clear Screen,*Gratnells storage tray. UNIT: SET, QUANTITY: 1	580,381.00	580,381.00



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		<p>MECHANICAL WAVE DRIVER, OFFER: SF-9324 *Frequency response: from 0.1 to 5000Hz with an amplitude of approximately 5 mm up to about 50Hz., *Mounts vertically or horizontally: designed to sit upright on a table, on its side or mounted on a 12.7mm (1/2 inch) rod., *Driving signal required: requires a function generator with a minimum of $\pm 8\text{ V}@0.5$ A. An accurate measurement of frequency is necessary for quantitative resonance experiments, *A variety of accessories available. UNIT: UNIT, QUANTITY: 1</p> <p>THERMAL CONDUCTIVITY APPARATUS, OFFER: TD -8561 *Stand with insulating pads, *Steam chamber, *Ice molds (2), *Materials: 12.7 cm square of glass, wood, Polycarbonate, Masonite and Sheetrock, *Plastic tubing for connecting steam generator, *Instruction manual and experiment guide. UNIT: SET, QUANTITY: 1</p> <p>THERMAL EXPANSION APPARATUS, *Built-in digital gauge: measure the rod expansion with 0.01 mm resolution, *Built-in thermistor: A 10 k thermistor is connected directly to each tube and the temperature can be determined using a digital ohmmeter or temperature sensor, *Heat with steam or water: the fluid used may be steam or water at any temperature, *Three drop-in metal tubes: each tube connects securely onto the rigid base. The other two can be simultaneously mounted on the base for convenient storage, *Base with built-in digital gauge and connections for the thermistor and banana plugs, *Expansion tubes with built-in thermistor (3). OFFER: TD-8856 UNIT: SET, QUANTITY: 3</p> <p>WIRELESS 3-AXIS MAGNETIC FIELD SENSOR, *Simultaneous measurements on three axes, *Dual range: $\pm 50\text{ G}$ and $\pm 1300\text{ G}$, *Sensitive enough to measure the Earth's magnetic field, *Measure fields from bar magnets and coils, *Long-lasting rechargeable battery (lithium-polymer), *Connectivity: direct USB or via bluetooth 4.0. OFFER: PS-3221 UNIT: SET, QUANTITY: 1</p>		



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		<p>WIRELESS PRESSURE SENSOR, OFFER: PS-3203</p> <ul style="list-style-type: none">*Special features;*Bluetooth and USB connectivity with a long-lasting rechargeable battery,*Logs pressure data directly onto the sensor for long-term experiments for activities that couldn't be performed using sensors previously,*No interface required, connects directly to your devices via bluetooth,*Includes a syringe, tubing and the connectors and locks you need for an array of pressure experiments. <p>*Includes;</p> <ul style="list-style-type: none">*Pressure sensor,*0.6m (2ft) polyurethane plastic tubing,*Double barbed tube connector,*Male barbed Luer lock connector (2),*Female barbed Luer lock connector,*60cc syringe,*USB Cable (for recharging and optional direct connection). UNIT: SET, QUANTITY: 1		
		<p>WIRELESS ROTARY MOTION SENSOR, *Measures angular position, velocity, and acceleration,</p> <ul style="list-style-type: none">*Measures linear position, velocity, and acceleration,*Low friction bearings,*3-step pulley,*Super pulley mounting shelf,*Tabletop design,*Rod clamp for mounting in almost any orientation,*Rechargeable lithium-ion battery,*Bluetooth or USB connectivity. <p>OFFER: PS-322^o UNIT: SET, QUANTITY: 1</p>		
		<p>WIRELESS SPECTROMETER, *Range: 380 nm - 950 nm, USB or bluetooth connectivity, 2-3nm FWHM, 2 fluorescence excitation, wavelengths: At 405 nm and 500 nm, LED-boosted tunsten light source, with 1 extra set cuvettes and capsand 1 pc fiber optics cable, 1 replacement battery.</p> <p>OFFER: PS-2600 UNIT: SET, QUANTITY: 1</p>		
		<p>WIRELESS TEMPERATURE LINK, *Range (with included probe): - 30° C to 105° C,</p> <ul style="list-style-type: none">*Jack: 3.5 mm,*Compatible temperature probes: skin/surface (PS-2131), fast response (PS-2135), stainless steel (PS-2153),*Logging: Yes,*Battery: coin cell,*Connectivity: bluetooth 4.0,*Fast-response temp probe (1). <p>OFFER: PS-3222 UNIT: UNIT, QUANTITY: 1</p>		

TOTAL AMOUNT:

580,381.00



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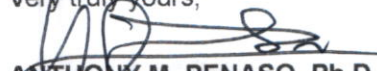
NOTICE OF AWARD

XXXXXXXXXXXXXXXXXXXXX-----NOTHING FOLLOWS-----XXXXXXXXXXXXXXXXXXXXX

P.O. #: IGF-164-20-06-93

Please acknowledge receipt and acceptance of this notice by signing both copies in the space provided below. keep one copy and return the other to Caraga State University

Very truly yours,


ANTHONY M. PENASO, Ph.D.
University President

I acknowledge receipt of this Notice on: _____ Page 4 of 4
Name of the Representative of the Bidder: _____
Authorized Signature: _____