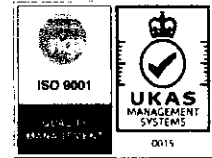




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Section VII. Technical Specifications

ITEM NO.	SPECIFICATION	STATEMENT OF COMPLIANCE
	ABC (P 1,500,000.00)	[Bidders must state here either "Comply" or "Not Comply" against each of the individual parameters of each Specification stating the corresponding performance parameter of the equipment offered. Statements of "Comply" or "Not Comply" must be supported by evidence in a Bidders Bid and cross-referenced to that evidence. Evidence shall be in the form of manufacturer's un-amended sales literature, unconditional statements of specification and compliance issued by the manufacturer, samples, independent test data etc., as appropriate. A statement that is not supported by evidence or is subsequently found to be contradicted by the evidence presented will render the Bid under evaluation liable for rejection. A statement either in the Bidder's statement of compliance or the supporting evidence that is found to be false either during Bid evaluation, post-qualification or the execution of the Contract may be regarded as fraudulent and render the Bidder or supplier liable for prosecution.]

Procurement of Scientific Equipment for CAS Fund 101

ITEM NO.	Specification	UNIT	QTY	BRAND	Statement of Compliance
1	Discover Free Fall System Can be mounted to smart timer that includes Drop box, control cable, control box, AC adapter, Time of flight receptor pad, timer switch, release washers(10), release labels for attaching washers to object(50), small nylon ball, large plastic ball, golf ball, hollow golf ball, 1" steel ball, 5/8 steel ball	set	2		
2	Telescope Optical Design: ED Triplet Refractor, Lens Coatings: Fully Multi-Coated, Glass Type: BK7 (2)/FPL-53(ED), Primary Aperture (mm): 120, F/Ratio: 7, Focal Length (mm): 840 Observational Info; Dawes Limit: 0.97, Rayleigh Limit: 1.16, Limiting Mag.: 12.9, Minimum Magnification; 17, Maximum Magnification; 236, Light Gathering (compared to next size down): 44%, Focuser: 3.4" Dual Speed R&P, OTA Length (Retract/Ext.); 27.4"/31.5", OTA Outer Diameter; 6.875", OTA Weight (with accessories): 22, Accessories; Included Finder; 8x50 RACI, Included Diagonal; 2" Dielectric, Mounting Accessories; Rings/D-Rail, Included eyepiece, tripod, case, corrector	set	1		
3	Low Voltage AC/DC Power Supply Professional and reliable composite-ready 3D printing Fused Filament Fabrication (FFF) 3D Printer 230 × 190 × 200 mm Material Extrusion Dc Output Voltage 0 to 224 v DC, meter Digital display (volts/amps); 1% ±2 LSD; ripple <25mVpp,	set	1		



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		AC output voltage; 0 to 24 V AC continuously adjustable, Current; 0 to 6 amperes, Overload Protection meter; a Digital display (volts/amperes) $2\% \pm \text{LSD}$, Power source AC 115/230 VAC, 50/60Hz, power use 320 W, Dimension 30 x 23 x 12 cm (12x 9 x 5 inch)				
4	Ripple tank System	Must have ripple generator producing interference pattern with two point sources, with white LED strobe producing bright, clear, wave patterns (includes Rod), also includes point sources (three sizes), plane wave and multiple source, curved reflector, diffraction barrier, refractors, with viewing screen, Detachable legs	Set	1		
5	Telescope	Optical Design; Refractor, Aperture; 102 mm / 4", Focal Length; 660 mm, Focal Ratio; f/6.5, Resolution; 1.37 Arcsec (Rayleigh) 1.14 Arcsec (Dawes), Focuser; Single-Speed Rack-and-Pinion, Eyepiece Barrel Diameter; 1.25", Diagonal; 90° Erecting, Optical Tube Dimensions; 32 x 4.6" / 81.3 x 11.7 cm, Mount ; Manual; Alt-Azimuth, Tripod; Adjustable, 2-Section, Aluminum	Set	1		
6	Spark Data Logger	Can Connect more passport sensors with airtlink, sparklink air; must have an installed software (SPARKvue, Matchgraph, spectrometry; Microsoft office Suite, Google Suite). With Wifi, Bluetooth and USB connections. Can operate online and offline; With front and back camera, accelerometer, microphone and speaker; GPS; Simultaneously connects up to 5 PASCO wireless sensors and with 8" inches full color capacitive touchscreen (1280x800 pixels). Ruggedized case for indoor/outdoor and wet/dry lab use. Also includes 2 passport ports, voltage probe and port, fast response temperature probe and port. Includes manual and demo upon delivery and after sales service training.	Set	2		
7	Vertical Autoclave	Capacity- 75L, Chamber Size (mm) $\phi 386 \times 490$, $\phi 386 \times 670$, Chamber Material- SUS304, Designed Pressure 0.28MPa, Designed Temp 150°C, Working Pressure 0.22MPa, Working temp. 80°C-136°C, Temp. Display Accuracy 0.1°C, Noise $\leq 65\text{db}$, Power Consumption 5.5KW, Power Supply AC 110/220V $\pm 10\%$, 50/60Hz, External Size (W*D*H) mm 700*610*1100, Package Size (W*D*H) mm 800*715*1270, Gross Weight (kg) 140, 147	Set	1		



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8	Gel Documentation system	Sensor 1/3 inch, Resolution 3 million pixels , Image depth 12/16 bit, Greyscales 4,096/65,536, Dynamic range 3.6 – 4.8 , Lens Manual zoom 6.5 – 39, F1.4 , Maximum viewing area 20 x 20cm, Slim UV transilluminator 20 x 20cm –various single wavelengths are available , UltraSlim-LED blue light transilluminator 10 x 12cm, , White Epi overhead, Converters, UV/visible light NovaGlo converter, Software, GeneSys image capture, GeneTools image analysis ,GeneDirectory, Conversion screen, Novaglo- UV to visible, Size- Dimensions (h x d x w) cm62 x 37.5 x 40. with complete accessories.	Set	1		
		Warranty period 1 years				
		Delivery period 30 days				
