

**Bid Form for the Public Bidding of UPLB-S-113-15 Supply, Delivery, Commissioning and Training of 3D Printing and Fabrication System
For University of the Philippines Los Baños**

Date of Pre-Bid: Wednesday, December 02, 2015 4:00 PM

Date of Opening: Wednesday, December 16, 2015 2:45 PM

Lot #	Item #	End-User	Qty	UOM	Item Description	Estimated Unit Cost	Estimated Total Cost	Specifications Offered by the Bidder (Please indicate the item name, brand, model, detailed and complete specifications of your offer. Also, please provide brochures and manufacturer's warranty.)	Unit Cost	Total Cost
1	1	CEAT-IE, Haerold Layaoen	1	unit	<p>3D Printer w/ End-user training and 1 year warranty Output Size: maximum 203x203x152mm (8x8x6in) Layer Thickness: 178 Microns Technology: Fused Deposition Modeling (FDM) Base Type: Slide in Tray Compatibility: Windows 7 (minimum) Network Connectivity: Ethernet TCP/IP 10/100 base T Maximum Size and Weight: 635(w) x 660(d) x 940(h) mm (25x26x37in), 94kg (206lbs) Power Requirements: 100–127 VAC 50/60 Hz, minimum 15A dedicated circuit or 220–240 VAC 50/60 Hz, minimum 7A dedicated circuit</p> <p>Should include the following consumables:</p> <p>15 packs (5 spools/pack) Modeling Material Consumables for 3D Printer Acrylonitrile Butadiene Styrene (ABS plus) plastic, spool type, at least 42 cu. in. /spool Available colors: ivory, white, blue, fluorescent yellow, black, red, nectarine, olive green, gray.</p> <p>5 packs (5 spools/pack) - 3D Printing Support Material Spool type, SR-30 soluble, at least 42 cu. in. /spool</p> <p>3 cases - 3D Printing Model Bases Plastic, slide-in/removable, 8x6 in (203x152 mm), 24 pcs/case</p> <p>1 case (24 units/case) - Solution for Support Cleaning System Soluble in water, should dissolve SR-30 soluble support materials.</p> <p>Should include the following accessories:</p> <p>1 unit - 3D Support Material Cleaning System Size and Weight: at most 48.33(w) x 43.18(d) x 43.85(h)cm (18x17x17 in), 16.4 kg (36 lbs);</p>	1,078,000.00	1,078,000.00			

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					<p>Power Requirements: 100-240 VAC, 50/60Hz 1200W Can be connected to Standard Water Source</p> <p>1 CD - 3D Printing Software/Driver Build Job File Type: converts .stl from CAD software to .cmb Functionalities include: Automated Printing Process, Model Orientation and Slicing, Support Creation, Transfer file to Printer for Printing Minimum Compatibility: Windows 7</p> <p>1 unit – Uninterruptible Power Supply (UPS) Output Power Capacity: 325 Watts/ 625 VA; Max Configurable Power: 325 Watts/ 625 VA; Nominal Output Voltage: 230V; Input Frequency: 45 - 65 Hz; Cord Length: 1.22 meters; Input voltage range for main operations: 151 - 299V</p> <p>Bidder/s should show proof of authorized distributorship, must have local technician for servicing, and provide installation and end-user training.</p>					
1	2		1	unit	<p>Laptop for 3D Printer w/ at least 1 year warranty Processor: Intel Core i7-5500U 2.4GHz Processor (4M Cache, up to 3.00GHz); Operating System : Windows 7 or higher; Memory: 8GB Dual Channel DDR3L 1600MHz (4GBx2); Hard Drive: 1TB 5400 rpm Hard Drive; Video Card : NVIDIA GeForce 920M 4GB DDR3; Optical Drive : Tray load DVD Drive (Reads and Writes to DVD/CD); Display:15.6-inch HD (1366 x 768) LED-Backlit Display; Dimensions: Height: 0.94" (23.75mm); Width: 14.9" (380.0mm); Rear: 10.25" (260.4mm); Starting weight at 5.11lbs (2.32kg); Battery Life: Up to 7 hours of battery life</p>	40,000.00	40,000.00			

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1	3		1	unit	<p>3D Scanner w/ end-user training and 5 years warranty Maximum Weight: 930 g (2.05 lbs.) Maximum Dimensions: 154 x 178 x 235 mm, (6 x 7 x 9.2 in.) Measurement Rate: 550,000 measurements/second Scanning Area: 143 x 108 mm (5.6 in x 4.3 in) Light Source: White Light (LED) Resolution: 0.100 mm (0.004 in.) Accuracy: Up to 0.100 mm (0.004 in.) Volumetric Accuracy: 0.300 mm/m (0.0036 in./ft) Positioning Methods: Geometry and/or color and/or targets Stand-off Distance: 380 mm (15 in.) Depth of Field: 100 mm (4 in.) Part Size Range: 0.05 – 0.5 m (2 – 20 in.) Texture Resolution: 50 to 250 DPI; Texture Colors: 24 bits; Output: .dae, .fbx, .ma, .obj, .ply, .stl, .txt, .wrl, .x3d, .x3dz, .zpr Compatible Software: 3D Systems (Geomagic® Solutions), InnovMetric Software; PolyWorks), Dassault Systèmes (CATIA V5 and SolidWorks), PTC (Pro/ENGINEER), Siemens (NX and SolidEdge), Autodesk (Inventor, Alias, 3ds Max, Maya, Softimage). Connection Standard: 1 x USB 2.0 Operating Temperature Range: 5-40°C (41-104 °F) Operating Humidity Range (Non-Condensing): 10-90%;</p> <p>Should include the following accessory: 1 CD - 3D Scanning Software (Minimum Compatibility: Windows 7) Carrying case, Calibration plate, Power supply, USB cable, 2 x 500 positioning targets</p> <p>Bidder/s should show proof of authorized distributorship, must have local technician for servicing, and provide installation and end-user training.</p>	1,182,000.00	1,182,000.00			

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1	4		1	unit	<p>Laptop for 3D Scanner w/ at least 1 year warranty Processor: 4th generation Intel® Core™ i7-4712HQ quad core processor; Operating System: Windows® 7 Professional (64-Bit) or higher; Memory:62 DIMM slots: up to 16GB 1600MHz DDR3L; Chipset: Mobile Intel® HM87 Express; Video Card: NVIDIA® Quadro® K1100M with 2GB GDDR5 dedicated memory; Display: 15.6" 4K Ultra HD (3840x2160), 10 finger multi-touch, wide view, LED-backlit, Hard Drive: Up to 2TB of Solid State Storage or SATA hard drive; Power: Battery Options:6-cell (61Wh); 6-cell (91Wh); Trusted Platform Module 1.2 (TPM 1.2); I/O Interface Security; Intel Anti-Theft Protection (iATP); Multimedia: Dual integrated high quality speakers and dual integrated noise cancelling digital array microphones standard; Integrated, light sensitive HD video webcam with Webcam Central software standard; Connectivity: Wired: USB3.0 to Ethernet adapter included; Wireless LAN: Intel® Dual Band Wireless-AC 7260 Plus Bluetooth 4.0; Wireless 1560 2X2 802.11ac + Bluetooth 4.0; Battery Life: Up to 10 hours</p> <p>Bidder/s should show proof of authorized distributorship, must have local technician for servicing, and provide installation and end-user training.</p>	100,000.00	100,000.00			
1	5		1	unit	<p>3D Milling Machine w/ end-user training and 1 year warranty Acceptable Material: Resins such as chemical wood and Modeling wax, Soft Metals; X,Y,Z Operation Strokes: 305 (X) x 305 (Y) x 105 (Z) mm; Distance from collet to table: Minimum 123 mm; Loadable workpiece weight: 4kg; Interface: USB; Power Consumption: Approx. 210 W; Maximum Dimensions: 669(W)x760(D)x554(H)mm; Weight: 65kgs; XYZ Axis Drive System: Stepping Motor; Feed Rate: X,Y Axis: 7 tp 3,000 mm/min, Z axis: 7 to 1,800 mm/min.; Software Resolution: NC code: 0.001 mm/step, RML: 0.01 mm/step; Mechanical resolution: 0.002 mm/step; Spindle Motor: Brush less DC Motor, maximum 100W; Spindle Rotation: 4,500 to 15,000 rpm; Tool Chuck: Collet Method; Power Requirements: AC100 to 240 10%, 2.1A;</p>	550,000.00	550,000.00			

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					<p>System Requirements: OS: Windows 8, 7, or Vista; CPU: faster recommended; RAM: at least 1GB; Video Card and monitor: 1024X768 resolution or more, high color at least 16 bit; Free Hard Disk Space: At least 72MB.</p> <p>Should include the following accessories: Power Cord, USB Cable, Collet (ZC 23-6), Z0 sensor, Hexagonal wrench, Hexagonal Screw Drivers, Spanners, Software Package (CD-ROM), SRP Player(CD ROM), User's Manual, SRP Player Installation and Setup Guide</p> <p>Bidder/s should show proof of authorized distributorship, must have local technician for servicing, and provide installation and end-user training.</p>					
	16		1	unit	<p>Fireproof Electronic Business Safe for 3D Equipment Storage Features: at least 14 Adjustable/Removable Racks, ,Electronic Digital Lock Entry , Programmable 3-8 Digit Passcode, Override Access Keys (2 included) , at least 5 Steel 1" Live Lock Bolts , Pry Resistant Concealed Hinges , Mounting Kit With Bolts Included , Removable Lock Box , Sturdy Open/Close Spindle Handle; Adjustable/Removable Shelves , at least 4 Convenient Door Pouches, Key Rack on Inside Door (4 Hooks), Scratch Resistant Powder Coat Finish; Capacity: at least 7.8 cu ft / 220.0 Liters, Minimum Inside Dimensions: 57.4 in H x 19.7 in W x 14.1 in D, 1470 mm H x 500 mm W x 358 mm D Minimum Outside Dimensions: 59.0 in H x 21.0 in W x 18.4 in D, 1500 mm H x 531 mm W x 467 mm D.</p>	50,000.00	50,000.00			
DT#		1508100360	Approved Budget:		3,000,000.00	TOTAL FOR LOT #1: 0.00				

Total Approved Budget for the Contract:	PHP 3,000,000.00
Required Bid Bond (2% of the ABC):	PHP 60,000.00
Required Bid Bond (5% of the ABC):	PHP 150,000.00
Date of Delivery:	30 CD upon receipt of notice to proceed
Price Validity:	120 calendar days from bid opening
TOTAL BID PRICE (in figures):	
TOTAL BID PRICE (in words):	
Company Name:	
Address:	
Phone No.:	

Company Name: _____

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Fax No.: _____

E-mail Address: _____

Quoted by: _____

Printed Name

Signature

(USE OF A DIFFERENT FORM OTHER THAN THIS WILL BE A GROUND FOR DISQUALIFICATION)

Company Name: _____

Quoted by (Printed Name and Signature): _____