



Republic of the Philippines  
**KALINGA STATE UNIVERSITY**  
 National Highway, Purok 6, Bulanao, Tabuk City, Kalinga  
*Bids and Awards Committee*

**SUPPLEMENTAL / BID BULLETIN (SBB)**

**ADDENDUM NO. 01**

This SBB Addendum No. 01 dated **May 7, 2024**, for the Project **Procurement of Equipment for Completed Projects – Fabrication Laboratory – Second Bidding** is issued to clarify, modify, or amend items in the Bidding Documents. Accordingly, this shall form an integral part of said Documents. (Note: For this SBB and a better understanding of its contents, the following rules shall apply: (a) **Double Strike-out** – denotes deletion, and (b) **Underline** – implies inclusion or new item/requirement).

PARTICULARS		CLARIFICATION / AMENDMENT		
Based on the discussions during the Pre-bid Conference conducted last- May 3, 2024 for this Project, and upon confirmation by the BAC members, below is the revision:				
1. On Technical Specifications, under Section VII, pages 24 -28 of the Philippine Bidding Document, revisions are as follows:				
<b>Technical Specifications</b>				
ITEM NO.	ITEM AND DESCRIPTION	QTY	UNIT	STATEMENT OF COMPLIANCE
	<b>Procurement of Equipment for Completed Projects – Fabrication Laboratory – Second Bidding</b>	1	LOT	
1	<b>DUAL EXTRUDER PELLET AND FILAMENT 3D PRINTER WITH DESKTOP COMPUTER</b> Print Technology: Dual Direct Drive Pellets, Independent Extruder Build Volume: at least 280 x 185 x 200 mm (minimum) Dual Printing: at least 280 x 185 x 200 mm (minimum) Mirror Printing: at least 147 x 185 x 200 mm (minimum) Print Capability: Mirror Printing, Dual Printing Pellet diameter: 3 - 5 mm Layer Resolution: 10µm Extruder <del>Maximum</del> <u>minimum</u> temperature: 300° C Build Plate Leveling: Semi- Automatic -Manual Nozzle Diameter (mm): Direct Drive HR: 0.15 - 0.25 - 0.4 - 0.6 - 0.8 mm Pellet: 0.4 - 0.6 - 0.8 - 2.0 - 4.0 - 5.0 mm Connectivity: USB, <del>Wifi</del> , SD Card Display : 5" color touch screen Control devices: PC, tablet, Smartphone Control mode: Web <b>Material Compatibility</b> : Direct Drive: ABS, ASA, NYLON, PET-G, PLA, PP, XT-CF20, TPU, PLA-3D870, PVA Pellets: PLA, ABS, PETG, FLEX, A93, WOOD, ABS+CF, PC, HDPE, <del>Utem</del> , Peek, <u>Recycled Plastics</u>	1	unit	<small>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-augmented 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 other than 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 subject to the applicable laws and ordinances.</small>



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	<p>Slicing Software included: Professional Software, <b>Perpetual License, Compatible with the latest version</b></p> <p><b>Package Inclusion :</b> 1 Unit Print Bed          1 set Starter Material          1 unit Desktop Computer          1 unit UPS          English Manual</p> <p><b>Other Inclusion:</b> Certificate of authority to sell from the manufacturer or local distributor/reseller.          Training certificate provided by manufacturer to certified trainer.          After-Sales Support certificate issued by the manufacturer.          Parts Availability certificate issued by the manufacturer.          On-Site Training and Installation</p>			
2	<p><b>PCB 3D PRINTER</b>          Printing: Minimum Trace Width: 0.2mm, 8mil          Minimum Passive Size: 1005, 0402          Minimum Pin-to-Pin Pitch: 0.65mm, 26mil          Resistivity: 12mΩ/Sq @ 70um Height, 12mΩ/Sq @ 3mil Height          Supplied Substrate Material: FR4          Maximum Board Thickness: 3mm          Print Area: at least 128mm x 116mm          Max. Bed Temperature: 240°C          Drilling: Spindle Speed (Max.): 13,000 RPM          Power Requirements: 200 – 240 VAC, 3A          Runout (TIR): 0.076mm          Shank Diameter: 3.175mm          Supplied Substrate Material: FR1          Bit Diameter (Max.): 2mm          Bit Length (Max.): 38.1mm, 1.5"          Soldering: Minimum Passive Size: 1005, 0402          Minimum Pin-to-Pin Pitch: 0.5mm, 20mil          Solder Paste Alloy: Sn42/Bi57.6/Ag0.4, Sn42/Bi57.6/Ag0.4          Solder Wire Alloy: SnBiAg1, SnBiAg1          Soldering Iron Temperature: 180-200°C, 355-390°F          Software Requirements: Windows 7, 8, 10 (64bit), OSX 10.11+, <b>Perpetual License, Compatible with the latest version</b></p> <p>Connection Type: Wired USB 2.0</p> <p><b>PACAKAGE INCLUSION:</b>          mini ref          FR4 substrates          FR1 substrates          Conductor 2 cartridge          Rivets tools          Substrate clamps and thumbscrews          Dispensers with caps          Safety glasses</p> <p><b>OTHER INCLUSION:</b>          On-Site Training and Installation  <b>Certificate of authority to sell from the manufacturer or local distributor/reseller or local supplier.</b>  <b>Training certificate provided by manufacturer to certified trainer.</b>  <b>After-Sales Support certificate issued by the manufacturer or local supplier.</b></p>		1 unit	



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	<b>Parts Availability certificate issued by the manufacturer or local supplier</b>		
3	<p><b>HANDHELD 3D SCANNER WITH BUILT-IN TOUCHSCREEN AND LAPTOP</b>          Scanner Type: Handheld with Built-in touchscreen interface          Description: Hand-held 3D scanner meant to capture (from 30cm to 10m in length). With Built-in touchscreen for ease-of-use during scanning.          3D Point Accuracy : 0.1 mm or better          3D Resolution : 0.6 mm or better          Depth of view : at least 55-95 cm          Field of view: at least 280 x 360 mm (min.) to 490 x 650 mm (max.)          3D Light source: White LED          Texture Resolution: 2.3 mp          Frame Rate : 35 fps or better          Data acquisition speed : at least 3M points /sec          Multi core processing: Yes          3D Formats: OBJ, PLY, STL, etc.          Interface: Built in touchscreen - 4 inches or bigger          Tracking Modes: Geometry, Markers, Texture          Capable of scanning: Black surfaces, Glossy objects, Sharp edges, Human hair, eye safety certificates          Dimensions: At least 165 x 85 x 274 mm or equivalent          Software: Include license operating software that can fill holes, simplify the mesh, apply texture. <b>Perpetual License, Compatible with the latest version</b>  <b>Bundle inclusion:</b> -Turntable set          - Calibration Board          - Magnetic Marker          - USB Cable          - Compatible scanning software perpetual license          Software          - Carry Case          - Compatible Laptop for the scanning software  <b>- Battery Pack</b>          Other inclusion:          Certificate of authority to sell from the manufacturer or local distributor/reseller.          Training certificate provided by manufacturer to certified trainer.          After-Sales Support certificate issued by the manufacturer.          Parts Availability certificate issued by the manufacturer.          On-Site Training and Installation</p>	1	unit
4	<p><b>CO2 LASER CUTTING AND ENGRAVING MACHINE WITH DESKTOP COMPUTER</b>          Work Surface area: at least 1290 x 990 mm          Dimension: 1850 x 1500 x 1100 mm or equivalent          Cutting speed: at least 30000 mm/min          Engraving Speed: at least 60000 mm/min</p>	1	unit



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<p>Laser Type: CO2 Laser Tube          Laser power Included: up to 100Watts          Focus Lens: at least 2.0 in standard          Resolution Ratio: at least 0.025 mm          Repositioning accuracy: at least +/- 10%          Operating humidity: 5%-80%          Graphic format supported:          BMP,GIF,JPEG,UNITX,TGA,TIFF,PLT,CDR,DWG,DXF          Software Compatibility: CorelDraw, Photoshop, AutoCAD,          Tajima , CAM/CAD, <u>Perpetual License, Compatible with          the latest version</u>          Cooling Method: Water Cooling (Chiller Included)  <b>Materials Compatibility:</b>          Acrylic, Wood, Fabric, Cardboard, Paper, Synthetic          Granite, Natural Granite,          Leather, Foam board, Glass          Extendable Size: Front and Back of laser machine can be          opened suitable for super length material process          Power Requirements: 220V, 50HZ/60HZ  <b>Package Inclusion:</b>          1 Unit Spare Lens          2 Units Spare Mirror          1 Unit Air Compressor          1 Unit Chiller          1 set Starter Consumable          1 Desktop Computer          1 AVR  <b>Other Inclusion:</b>          Certificate of authority to sell from the manufacturer or          local distributor/reseller.          Training certificate provided by manufacturer to certified          trainer.          After-Sales Support certificate issued by the          manufacturer.          Parts Availability certificate issued by the manufacturer.          On-Site Training and Installation  <u>Warranty after sale</u>, safety specification certificate</p>		
<b>Terms and Conditions:</b>		
a)	All equipment and components should be branded (not cloned, imitation, or assembled) and brand new. The units should be delivered duly packed and sealed by the direct company/ manufacturer.	
b)	Availability of parts in the local market by a local distributor.	
c)	Provision of Technical Data Sheet indicating the brand name and model of item/s.	
d)	Provision of Operations and Maintenance Manual of the item/s, if applicable.	
e)	Partial bids are <b>not</b> allowed. All Goods are grouped into <b>4 (1)</b> lots listed above. <i>Bidders shall have the option of submitting a proposal on any or all lots. If the bidder opt to bid for more than one lot, each set of technical requirements shall be submitted. Evaluation and award of contract will be undertaken per lot basis; however, bidders who bid to more than one lot and were determined to have the Lowest Calculated Responsive Bid per lot shall be awarded only one contract.</i>	
f)	The items specified in this Technical Specifications shall be delivered only to the address indicated herein to be received by authorized personnel.	
g)	The Supplier shall notify the indicated authorized receiving personnel at the Project Site at the scheduled date of delivery at least three (3) working days in advance, and shall ensure that the authorized receiving personnel of the Purchaser is present during the date and time of delivery. The	



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	Receiving Personnel reserves the right to refuse to receive/accept delivered Goods made before 8:00 A.M. or after 5:00 P.M. and non-working days.	
	h) The Supplier shall replace any rejected item within fifteen (15) calendar days from receipt of a written notice from the end-user.	
	i) Prior to issuing the Certificate of Complete Deliveries, the item's testing and sealing must be conducted with the end-users, Inspectorate Team or TWGs. The winning supplier shall provide other unforeseen peripherals and accessories necessary for the equipment in each lot to function and be operational.	
	j) After the Testing and Sealing, the Supplier shall be evaluated and will conform to the end user's evaluation rating results as a requirement for payment.	
	k) 1 year warranty of service and device/equipment based on the unit will start after the turn-over and orientation of the end-user. <b>Four (4) years Extended Service Warranty</b> should apply to <b>all machines big-printers</b> . Suppliers may also encourage to include in their bid documents if the other equipment is subjected to extended warranty.	
	l) The total price offered/quoted is subject to withholding tax and payable checks.	
	m) During or after the delivery, the Supplier shall submit the following requirements: 1. Delivery Receipt 2. Supplier's Sales Invoice 3. Operations and Maintenance Manual 4. Warranty or KSU will deduct <del>1%</del> <b>5%</b> on the total value of the items as Retention Money	
	<b>After Sales Requirements:</b>	
	n) Under warranty coverage: If unrepairable within 7 days, a free service backup unit (1:1) or service spare part of the same or higher specification must be provided by the supplier until the defective unit/part is considered repaired/replaced.	
	o) Monday to Friday, office hours technical support and service.	
	p) Capable of providing technical service/assistance within 24 hours OR next business day on-site (NBDOS) service warranty.	

I hereby certify to comply with all the above Technical Specifications.

\_\_\_\_\_  
 Name of Company/Bidder

\_\_\_\_\_  
 Signature over Printed Name  
 of Representative

\_\_\_\_\_  
 Date

For guidance and information of all concerned

**ROMUALDO U. WACAS, PhD**

BAC Chairperson

Date Issued: May 7, 2024

Copy furnished: **Prospective Bidders**