



Republic of the Philippines  
**KALINGA STATE UNIVERSITY**

**BIDS AND AWARDS COMMITTEE**

National Highway, Purok 6, Bulanao, Tabuk City, Kalinga

Website: <https://ksu.edu.ph> Email: [procurementservice\\_bac@ksu.edu.ph](mailto:procurementservice_bac@ksu.edu.ph) Tel. No.: 0917-6240170

**Annex "B": Conformity with Technical Specifications including Delivery Schedule**

**Technical Specifications**

ITEM NO.	ITEM AND DESCRIPTION	QTY	UNIT	<p><b>STATEMENT OF COMPLIANCE</b></p> <p><i>[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 subject to the applicable laws and issuances.]</i></p>
	<b>Lot 1: LABORATORY EQUIPMENT AND SOLAR POWER SYSTEM</b>			
1	<p><b>Lathe Machine</b>            Distance between centers: 350mm            Swing over bed: 180mm            Spindle taper:mt3            Tailstock taper:mt2            Chuck diameter:80mm            Spindle bore:20 rpm            Range of metric threads:0.5-2.5            Range of imperial threads: 12-52 t.p.i.            Spindle speed: 50-2500 rpm            Power of motor:550w            Voltage: 220v/60hz/single phase            Net weight: 40kg            Inclusions: 3-jaw,change gears,drill chuck,</p> <ul style="list-style-type: none"> <li>• Spindle taper:mt3</li> <li>• Tailstock taper:mt2</li> <li>• Chuck diameter:80mm</li> <li>• Spindle bore:20 rpm</li> <li>• Range of metric threads:0.5-2.5</li> <li>• Range of imperial threads: 12-52 t.p.i.</li> <li>• Spindle speed: 50-2500 rpm</li> <li>• Power of motor:550w</li> <li>• Voltage: 220v/60hz/single phase</li> <li>• Net weight: 40kg</li> <li>• Inclusions: 3-jaw,change gears,drill chuck)</li> </ul>	1	Lot	
2	<p><b>3D Printer with Filament</b>            450*450*470mm Build Volume            Quality Dual Y-axis Linear Rails</p>	1	Lot	



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	Multi-printers Control "Sprite" Dual-gear Direct Extruder CR Touch 25-point Auto-leveling Anti-wobbling Dual Z-axis PC Spring Steel Build Surface 800W Industrial Control Power Supply			
3	<b>Solar Power System</b> SOLAR PANEL-5set <ul style="list-style-type: none"> <li>• Dual Glass 200W</li> <li>• Dimension: 132cm*67cm*3cm</li> <li>• Weight: 12KG</li> <li>• Max Power Output(W): 500W</li> <li>• Voltage MPP Vmp(V): 19.69V</li> <li>• Current MPP Imp(A): 10.21A</li> <li>• Voltage Open Circuit Voc(V): 24.08V</li> <li>• Short Circuit Current Isc(A): 10.72A</li> </ul> Battery: (3pcs) <ul style="list-style-type: none"> <li>• CODI Lifepo4 Battery 12.8V 180AH w/BMS Maintenance Free Ready To Use</li> <li>• Rated Voltage: 12.8V</li> <li>• MAXimum Discharge Current: 100A</li> <li>• Peak Discharge Current: 110A/3s</li> <li>• Standard Charging Current: 36A-90A</li> <li>• Maximum Charge Current: 100A</li> <li>• Cooling Method: Self-Cooling</li> <li>• Battery Type: Lithium Iron Phosphate</li> <li>• Cycle Life: &gt;4000 Cycles @25°C,, 0.25C charge and discharge</li> <li>• Battery Voltage Range: 10V-14.6</li> <li>• Certification: MSDS, UN38.3, CE (Optional)</li> <li>• Dimensions: length 380±5 mm * width 200±5 mm* height 250±5mm</li> <li>• Weight: 17.5Kg</li> <li>• Maximum Number Of Series: 4</li> <li>• Maximum No. Of Parallel: 3</li> </ul> Charge Controller (2pcs) <ul style="list-style-type: none"> <li>• 12V: 1200w - batt Cable not included</li> <li>• Rated Power :1200w</li> <li>• Surge Power: 3600w in 3 secs</li> <li>• Battery Rated Voltage: 12v /24v</li> <li>• Battery Support : LEAD ACID, AGM, GEL , LIFEPO4</li> <li>• Built in AC charger, max 15A charge current</li> <li>• Built in MPPT charger, 40A</li> <li>• Max PV input: maximum 100v voc, maximum 600w(12v) ,1200w(24v)</li> <li>• AC Input :220vac</li> <li>• AC Input Range: 165v-275v</li> <li>• Frequency: 60Hz</li> <li>• Transformer type : Toroidal</li> <li>• AC Ouput : pure sine wave</li> <li>• High &amp; Low Voltage Alarm</li> <li>• Automatic self-protect in short circuit and shutdown</li> <li>• Over Temperature Alarm</li> <li>• Overload Alarm - Auto Shutdown in 20s</li> <li>• Dimensions:</li> <li>• Size: 396*294*145</li> </ul>	1	Lot	
	<b>LOT 2: ELECTRONICS AND MECHANICAL SUPPLIES AND MATERIALS</b>			
1	Auto feed Soldering gun	3	unit	
2	Tubular Steels ( 1x2 / 1x1 / inches)	3	piece	
3	Nuts and bolts (M5 X 30mm / M5 X 10 mm)	3	set	
4	Pneumatic Actuators (M NPT SCM/15MM/50MM/100MM)	3	piece	
5	Linear guide rails HIWIN 15MM/12MM	1	unit	
6	Air Compressor 36L-50L COMPRESSOR	2	unit	
7	Rivets (3 x 10 )	3	piece	
8	Stainless Sheets (20 mm)	3	piece	
9	Aluminum Stocks (10 mm x 500 mm x 500mm)	3	piece	



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10	Stainless round stock (20mm)	3	piece	
11	Aluminum Brackets (4040 /2020/ 3030)	3	piece	
12	Lock (808 lock)	3	piece	
13	Panel Latch (304 latch)	3	piece	
14	Electrical Panel Box ( 40x50x20cm / 30x40x20cm)	3	piece	
15	Pneumatic Fittings (1/8 NPT X 6MM / M5 X 6)	3	set	
16	Pneumatic hose (6mm OD)	3	piece	
17	Acrylic sheet (4x8ft)	3	piece	
18	Hinges (4X3X2 INCHES)	3	piece	
19	Aluminum Extrusions 40x80mm	3	piece	
20	Heavy Duty Casters 3inches	3	piece	
21	Roller Sealer / heater blocks 50mm / 150mmx300mm	3	piece	
22	Compressor regulator AFC2000	3	piece	
23	Pressure gauge 60psi	3	piece	
24	3D printer filament (ABS / PETG)	6	piece	
25	ALUMINUM EXTRUSION 20X20mm	3	piece	
26	ALUMINUM EXTRUSION 20X40mm	3	piece	
27	CROSSTABLE (550mm)	3	piece	
28	CASTER WHEELS (4 inches)	3	piece	
29	BALL SCREW SF1605	3	piece	
30	VERTICAL SEALER BLADE 150MM X 15MM BLADE	3	piece	
31	TOOL HOLDER (CUSTOM PARTS FOR THE MACHINE)	3	piece	
32	BLIND RIVET BOX (1/8 X 1/2 )	3	piece	
33	CUT OFF WHEEL SET (14 INCHES)	3	piece	
34	CARBIDE INSERT(DCMT 070204)	3	piece	
35	RIVNUT INSERT(M5 / M6 INSERT)	3	piece	
36	PNEUMATIC RIV GUN(BT606)	3	piece	
37	Screw Insert puller ( BT606)	3	piece	
38	CABLE GLANDS(5MM/6MM/12MM)	3	piece	
39	LINEAR BEARING (12MM/15MM)	3	piece	
40	LINEAR SHAFT(12MM/15MM)	3	piece	
41	FLAP DISC (4 INCHES)	3	piece	
42	CUTTING DISC ( 4 INCHES )	5	piece	
43	HDTP PLASTIC STOCK (200X300X300MM)	3	piece	
44	MID WIRE (0.9MM)	3	piece	
45	STAINLESS WELDING ROD (1.6MM)	3	piece	
46	COMPRESSOR DISTRIBUTOR ( 5 PORT ALUMINUM BLOCK)	3	piece	
47	MANUAL SOLENOID VALVE (4H210 FORWARD REVERSE)	6	piece	
48	PILLOW BLOCK BEARINGS (12MM /15MM)	10	piece	
49	TOGGLE SWITCH	10	piece	
50	CIRCUIT BREAKER ( 20A )	5	piece	
51	EMERGENCY STOP SWITVCH, 20A	5	piece	
52	SOLENOID VALVES (5WAY 2 POSITION)	2	piece	
53	SSR RELAY (10 A)	2	piece	
54	STEPPER MOTOR (10 A)	3	piece	
55	WIRES (14 AWG;12AWG;16AWG) 1 ROLL	2	box	
56	SPADE CONNECTOR	3	piece	
57	GX AVIATION PLUG (4 PIN / 12 PIN)	3	piece	
58	HEATING ELEMENT (60 WATTS / 120 WATTS)	3	piece	
59	POWER SUPPLY 12/24 VOLT 10A	2	piece	
60	PID TEMEPERATURE CONTROLLER (OMRON 400-1000C CONTROLLER)	2	piece	
61	LED STRIP LIGHTS (10 WATTS)	3	piece	
62	PROXIMITY SENSOR (INDUCTIVE / CAPACITIVE)	2	piece	
63	LIMIT SWITCH( SPDT MOMETARY SWITCH)	4	piece	
64	PUSH BUTTON SWITCH, 220V INPUT, 22MM NORMALLY OPEN	5	piece	
65	DIN RAIL (35 MM, 4METERS)	3	piece	
66	RODLESS PNEUMATIC ACTUATOR (SCM 15MMX200MM)	2	piece	
67	PRESSURE GAUGE (AFC 2000)	3	piece	
68	TERMINAL BLOCK( TB2503 3 WAY / 6WAY)	3	piece	
	<b>LOT 3: OFFICE EQUIPMENT, SUPPLIES AND MATERIALS</b>			



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1	LAPTOP (w/ accessories), NVIDIA GeForce RTX 4060, 8GB Laptop GPU, 16" FHD 165Hz, Intel Core i7-13700x, 32 GB PDR5, 512GB M.2NVMe PCIe4 SSD, Windows 11	1	Unit
2	Epson EcoTank L5290 A4 Wi-Fi All-in-One Ink Tank Printer with ADF	1	unit
3	Flash Drive, OTG, 128 GB, capless	5	piece
4	External Hard Drive, 1TB, USB 3.0	1	piece
5	Ink, compatible for Epson Printer, 003, Black	10	bottle
6	Ink, compatible for Epson Printer, 003, Cyan	10	bottle
7	Ink, compatible for Epson Printer, 003, Magenta	10	bottle
8	Ink, compatible for Epson Printer, 003, Yellow	10	bottle
9	HDMI connector (1.5 meters), use to connect the Laptop and the LCD Projector	1	piece
10	Toilet Tissue Paper, 2-ply, 100% recycled, pack of 12	10	pack
11	PAPER, Multi-Purpose (COPY) A4, 80gsm	30	ream
12	PAPER, Multi-Purpose (COPY)legal (8.5x13), 80gsm	40	ream
13	Sticky Notes, Sign Here, Arrow Flags, PT 5 in 1	10	pack
14	Tape, Double-sided, 1"	10	roll
15	Tape, transparent, 24mm	10	roll
16	Ballpoint Pen, High Quality Writing, BP-S Fine, 12pcs/box, Color: black	10	box
17	BALLPOINT PEN, High-Quality Writing, BP-S FINE, 12pcs/box, Color: blue	10	box
18	Self-Inking Stamp, receive stamp with date	3	piece
19	Scissor, symmetrical, blade length: 65mm (6")	5	pair
20	Pencil, Lead with Eraser, #2, 12 pcs/box	5	box
21	Paper, Linen board, 180 gsm, white, A4	10	pack
22	Paper, Linen board, 180 gsm, white, legal	10	pack
23	Paper Clip, 30mm, 100pcs/box or 120g	10	box
24	Paper Clip, 50mm, 100pcs/box or 120g	10	box
25	MARKER, Permanent, broad type, 12pcs/box, Refillable, color:black	2	box
26	MARKER, Whiteboard, Broad type, refillable, 12pcs/box, color:black	2	box
27	Lever Arch File Folder, 2 rmg, Legal	5	piece
28	Lever Arch File Folder, 2 rmg, A4	5	piece
29	CLIP, backfold, 32mm, 12 pieces per box	15	box
30	CLIP, backfold, 50mm, 12 pieces per box	15	box
31	Duct Tape, 2", blue	10	roll
32	Note Pad, Stick-on, 3" x 3", 100 sheets/pad	10	pack
33	Fastener, metal, non-sharp edges, 70mm between prongs, 50 sets per box	10	box
34	CORRECTION TAPE, 8 m(min)	15	piece
35	Data file box, made of chipboard, with closed ends	10	piece
36	Folder, Pressboard/ Expanded, Legal, size 210mm x 370mm, 100pcs/box, color: green	1	box
37	Mobile phone Load, Cell Card Prepaid, Globe,(P300)	72	piece
38	Folder, with Tab, Legal, 100pcs/pack	1	pack
39	ORGANIZING TRAY/RACK, 3 layers, Metal/Steel	2	unit
40	Puncher, Paper, Heavy Duty with 2 holes and guide	1	piece
41	Record Book, 300 pages	5	book

**Terms and Conditions:**

- a) All Equipment and components should be branded (not clone, 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 local distributor
- c) Provision of Technical Data Sheet (TDS) as part of financial proposal indicating the brand name and model of item/s. The TDS will be used as documents for accreditation of programs, inventory of equipment, and for post qualification of offers.
- d) Provision of Operations and Maintenance Manual of the item/s as applicable
- e) Prior to issuing the Certificate of Complete Deliveries, the Equipment's testing and ceiling must be conducted with the end-users and TWGs
- f) The Supplier shall replace any rejected item within fifteen (15) calendar days from receipt of a written notice from the end-user.
- g) 1 -3 years warranty of service and device/equipment based on the unit will start after the turn-over and orientation of the end-user.
- h) **Three (3) months Warranty, in the case of Expendable Supplies, after acceptance by the Procuring Entity of the delivered supplies/items.**
- i) During or after the delivery, the Supplier shall submit the following requirements:
  1. Delivery Receipt



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2. Supplier's Sales Invoice	
3. Operation's Manual	
4. Warranty or KSU will deduct 1% on the total value of the equipment as Retention Money	
<b>After Sales Requirements:</b>	
a) 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.	
b) Monday to Friday, office hours technical support and service.	
c) Capable of providing technical service/assistance within 24 hours OR next business day on-site (NBDOS) service warranty.	

hereby certify to comply with all the above Technical Specifications.

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

\_\_\_\_\_  
Signature Over Printed Name  
of Representative

\_\_\_\_\_  
Date



## Delivery Schedule

The delivery schedule expressed as weeks/months stipulates hereafter a delivery date, which is the date of delivery to the project site.

Lot No.	Item and Description	Qty	Unit	Delivered, Weeks/Months
1	LABORATORY EQUIPMENT AND SOLAR POWER SYSTEM	1	lot	Delivery shall be completed within <b>FORTY-FIVE (45) calendar days</b> upon acceptance of the Purchase Order
2	ELECTRONICS AND MECHANICAL SUPPLIES AND MATERIALS	1	lot	Delivery shall be completed within <b>FORTY-FIVE (45) calendar days</b> upon acceptance of the Purchase Order
3	OFFICE EQUIPMENT, SUPPLIES AND MATERIALS	1	lot	Delivery shall be completed within <b>FORTY-FIVE (45) calendar days</b> upon acceptance of the Purchase Order

**Note:**

- a) *Contract Warranty:* Three (3) months in the case of Expendable Supplies and One (1) year, in the case of Non-Expendable Supplies, after acceptance by the Procuring Entity of the delivered supplies.
- b) *To be delivered at:* Supply and Property Management Office, Administration Building, Kalinga State University-Main Campus, National Highway, Purok 6, Bulanao, Tabuk City, Kalinga

I hereby certify to comply and deliver the above requirements.

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

\_\_\_\_\_  
Signature Over Printed Name  
of Representative

\_\_\_\_\_  
Date