



Management
System
ISO 9001:2015



Republic of the Philippines
CAMARINES NORTE STATE COLLEGE
F. Pimentel Avenue, Brgy. 2, Daet, Camarines Norte

OFFICE OF THE BAC CHAIRPERSON FOR GOODS AND SERVICES


May 16, 2022

ADDENDUM NO. 1
Series of 2022
SUPPLY AND DELIVERY OF FABLAB OFFICE EQUIPMENT

This Addendum No. 1 for the project Supply and Delivery of FABLAB Office Equipment is being issued in accordance with Revised IRR of R.A. 9184 specifically Section 22.5.2 & 22.5.3

This is to inform the prospective bidders of the corrected schedule of requirements and technical specification. Also the corrected delivery period is 90 calendar days. Such is reflected in the Bidding Documents under Section VI – Schedule of Requirements and Section VII – Technical Specification.

This Addendum shall form integral part of the Bid documents.


ROSALIE A. ALMADRONES, Ph.D.
BAC Chairperson for Goods and Services

Annex A - Supply and Delivery of FABLAB Office Equipment

Item No.	Description	Quantity	Unit of Measure	Unit Cost	Total Cost
1	CNC Router with complete accessories and software	1	set	2,200,000.00	2,200,000.00
	Processing Area: at least 680 x 1650 mm				
	Standard Gantry Clearance: 152mm or higher				
	Control system: Machine Controller, easy to learn, touch screen				
	friendly user interface, Support for up to four axis continuous machining,				
	intuitive conversational programming, Built-in recommended speeds				
	and feeds calculator, 80gb program memory, built-in Dropbox support				
	for seamlessly transferring programs				
	XYZ Axis travel: at least 625x1415x170mm				
	Resolution: 0.006 mm				
	Repeatability: ±0.02mm				
	Position Accuracy: ±0.167 mm/m				
	Table type: Integrated Vacuum table				
	Speed: Up to 24000 RPM				
	Spindle Type: Electrospindle, 2HP/1.5kW				
	Spindle Taper: ER-20				
	Linear Motion: Ballscrew and Stepper Driver, Precision Linear Guideway				
	Max Feed Rate: 5.0m/min				
	Solid Machine base: A rigid, welded steel stand, Machine base cast iron,				
	lifted with an aluminum gantry, creates a strong structure to support				
	the most demanding processes				
	Should not be modular or to be assembled on site - should be welded				
	in the factory				
	Cooling type: Water-cooled (Chiller included)				
	Power Requirements: Single-phase 115 Vac, 50/60 Hz, 15A breaker with				
	AVR				
	Package Inclusion:				
	1 unit Machine controller				
	1 set Standard Height Adjustable Machine Foot				
	1 unit Dust Collector - 1 HP Dust Collector with 370mm bag, Cartridge				
	Filter, Dust Collection Hose				
	1 unit Vacuum Hold Down System - 200CFM, 9.5-10 inHg Sealed				
	Vacuum, 2" Threaded Steel Intake Port, Dimension: 18.5 in x 17.5 in,				
	NEMA 6-20P Plug, Single Phase 220-240 VAC/20 Amps				
	5 sets Cutting Tool kit - 10 pieces kit/set for sign making, 3D carving,				
	V-carving and working with flat sheet materials				
	1 pc Spring-loaded CNC Drag Knife - 45° Carbide blade for cutting sign				
	vinyl that fits any 1/4" collect				
	1 set Controller Peripherals - includes Touch screen monitor, waterproof				
	mouse, waterproof mini keyboard, jog shuttle Controller				
	1 set Controller arm - an adjustable swing arm keeps your machine's				
	controls within easy reach				
	1x License of CAM software - Features: Ability to import 2D vector				
	files and bitmap images, complete set of 2D Design and Layout tools,				
	import single 3D model files (STL, OBJ, 3DM, SKP etc.) Import multiple				
	Vector 3D clipart files, 2D				
	Toolpaths: Profiling, Pocketing, Drilling, Inlays and Quick Engraving,				
	2.5D Toolpaths: V-Carving, Prism Carving, Mouldings, Texture and				
	Fluting, 3D Machining				
	Initial Consumables: 20 pcs. 4x4 Plywood, 20pcs 4x4 MDF Wood				
	Additional Inclusion: TV Screen, Size: 42 inch, Complete set of repair tools				
	Other Inclusion:				
	Certificate of Distributorship: Attached Certificate of Authority to sell issued				
	by the manufacturer or local Distributor/Reseller				
	Training Availability: Attached training certificate provided by				
	manufacturer's				
	certified trainer				
	Training and Installation: 2 days onsite training and installation for at				
	least 2 personnel				

	Warranty: 12 months warranty for parts and services				
	After Sale Support: Attached after-sale Support certificate Issued by the manufacturer that the supplier has capability to do after sales support				
	after warranty, Attached certification of parts availability issued by the manufacturer for the project				
	Delivery Lead Time: Onsite delivery, installation, and commissioning at project location, within 90 days upon received of Notice of Proceed				
2	Handheld 3D Scanner (with complete set of repair tools)	1	pc	650,000.00	650,000.00
	Scanner Type: Handheld, hand-held 3D scanner, meant to capture medium and large objects. With Built-in touchscreen for ease-if-use during scanning				
	3D point accuracy: up to 0.1mm				
	3D Resolution: up to 0.6mm Dept of view: 45-95 cm, Field of view: min. 280x360mm max of 4900x650mm				
	3D light source: White LED				
	Texture Resolution: 2.3 mp				
	Frame Rate: 25-30 fps				
	Linear Field of View HxW @ closest range: 280x360mm				
	Linear Field of View HxW @ furthest range: 490x650mm				
	Data Acquisition speed up to: 3 M point/sec				
	Multi core processing: Yes				
	3D Fomats: OBJ, PLY, STL, etc.				
	Interface: Built in touchscreen - 4 inches				
	Tracking Modes: Geometric, Markers, Texture				
	Capable of Scanning: black surface, glossy objects, sharp edges, Human hair				
	Weight: 0.9 kg (1.9lb) or equivalent				
	Dimensions: 165x85x274mm or equivalent				
	Software: include license operating software that can holes, simplify the mesh, apply texture				
	Package inclusion: (with complete accessories)				
	1x Calibration Board				
	1x Software				
	1x Carry Case				
	Other Inclusion:				
	Certificate of Distributorship: Attached Certificate of Authority to sell issued by the manufacturer or local Distributor/Reseller				
	Training Availability: Attached training certificate provided by manufacturer's certified trainer				
	Training and installation: 2 days onsite training and installation for at least 2 personnel				
	Warranty: 12 months warranty for parts and services				
	After sale support: Attached after sales support certificate issued by the manufacturer that the supplier has the capability to do after sales				
	support after warranty, Attached certification of parts availability issued by the manufacturer for the project				
	Delivery Lead Time: Onsite delivery, installation and commissioning at Project Location, within 90 days upon received of Notice to Proceed				
3	FDM 3D Printer (Latest Model) with complete set of repair tools	1	pc	200,000.00	200,000.00
	Extruder Type: IDEX (Independence dual extruders)				
	Printing Precision: ±0.2mm				
	Build Volume: at least 300x250x200mm				
	Print Speed: at least 300x250x200mm				
	Extruder Temp: 320c				
	Bed Temp: 120c				
	Package Inclusion:				
	1x 1 set 3D Printer Kit				
	6x Additional Multi-colored Filament Spools (1kg each)-(ROYGBV)				

	Other Inclusion: Supplier's certification(warranty & after-sales support)				
	Training and installation: 2 days onsite training and installation for at least 2 personnel				
	Warranty: 12 months warranty for parts and services				
	After Sale Support: Attached and After-sale support certificate issued by the manufacturer or seller that has the capability to do after sales support				
	after warranty, Attached certification of parts and availability issued by the manufacturer for the project or seller				
	Delivery Lead Time: Onsite delivery, installation and commissioning at project Location, Within 90 days upon received of Notice to Proceed				
4	Desktop Computer with (complete set of repair tools)	2	units	80,000.00	160,000.00
	At least 3.8 ghz processor (4.7 ghz turbo overclock speed)				
	8 Cores, 16 threads newer gen.				
	atleast Memory: Single 16GB of DDR4 system memory				
	atleast Storage: 1TB 2.5 inch 7200 RPM + 8GB cache, 512GB SSD				
	at least Display: 24" display with IPS technology, Full HD 1920x1080x high-brightness LED-backlit TFT LCD 100% SRGB				
	atleast Graphics: NVIDIA GeForce GTX 1050Ti with 4GB of dedicated GDDR5 VRAM				
	at least Operating System: Windows 11 (genuine licensed)				
	With productivity tools and antivirus software				
	With complete accessories (optical mouse, keyboard, speaker, etc.)				
	Wifi capable				
5	High End Laptop (with complete accessories)	1	unit	90,000.00	90,000.00
	intel Core i7 10 Gen				
	16GB 2667 Mhz Memory DDR4				
	256GB SSD M2 Flash Storage				
	1TB HDD Storage				
	1920 x 1080 FHD Resolution				
	17.1 inch size				
	Nvidia GeForce Gtx 1660 Ti 6GB GDDR6				
	Windows 10 Genuine License				
	With productivity tools and antivirus software				
	Optical mouse				
	Laptop bag				
	Powerbutton separate from keyboard				

3,300,000.00

Prepared By:

ENGR. LOREIMAY B. ANDAYA
BAC - TWG

EDGAR BRYAN NICART
BAC - TWG

BRYAN ARELLANO
BAC - TWG