



Republic of the Philippines
Department of Science and Technology
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SUPPLEMENTAL/BID BULLETIN

Subject: **Amendments/Corrections on Technical Specifications**

Please be informed of the amendments on the Technical Specifications for the project **Supply, Delivery, Installation and Commissioning Of Instructional Materials And Equipment For FABLAB:**

ITEM NUMBER	EQUIPMENT	POSTED SPECIFICATIONS	CORRECTED SPECIFICATIONS
1	High-End Branded 3D Printer	<p>Maintenance Tools:</p> <ul style="list-style-type: none">➤ NFC spool holder➤ 2x print Core AA➤ 1x Print Core BB (for PVA supports) <p>3D Printer Specs Key Features:</p> <ul style="list-style-type: none">➤ Dual filament flow sensors notify you if material runs out➤ Auto detection of materials thru NFC technology material Input➤ Auto calibration via capacitive sensor➤ Down to 20 micron (0.001 inch) layer resolution➤ Open filament system, compatible with 3rd party filaments➤ Acrylic enclosure with advanced printing kit <p>Nozzle Compatibility with:</p> <ul style="list-style-type: none">➤ AA Print Core Technology Nozzle type➤ BB Print Core Technology for dissolvable support Nozzle type	<p>Maintenance Tools:</p> <ul style="list-style-type: none">➤ 2x print Core➤ 1x Print Core (for PVA supports) <p>3D Printer Specs Key Features:</p> <ul style="list-style-type: none">➤ Dual filament flow sensors notify you if material runs out➤ Auto calibration via capacitive sensor➤ Down to 20 micron (0.001 inch) layer resolution➤ Open filament system, compatible with 3rd party filaments➤ Acrylic enclosure with advanced printing kit <p>Nozzle Compatibility with:</p> <ul style="list-style-type: none">➤ Print Core Technology Nozzle type➤ Print Core Technology for dissolvable support Nozzle type

		<p>Software: Cura print preparation software</p> <p>Supported File Types: Cura, STL, OBJ, X3D, 3MF, BMP, GIF, JPG, PNG</p> <p>Certification: CE, FCC, VPAT, RoHS, REACH, CB, DIS, KC, PSE, RCM, SRRC, MIC, NCC, Dafe unattended professional use. Includes certificate of official distributorship issued by manufacturer (this is to make sure item is brand new, and legitimate original product to be supplied).</p>	<p>Software: print preparation software</p> <p>Supported File Types: STL, OBJ, X3D, 3MF, BMP, GIF, JPG, PNG</p> <p>Certification: Includes certificate of official distributorship issued by manufacturer (this is to make sure item is brand new, and legitimate original product to be supplied).</p>
2	High-End Branded Laser Cutter	<p>Bundle with:</p> <ul style="list-style-type: none"> ➤ SMART Curve software, water chiller ➤ Exhaust, air blower, air compressor <p>Specifications:</p> <ul style="list-style-type: none"> ➤ Laser Type CO2 Glass Laser Tube ➤ Laser power 130watts ➤ Work Area 1300mm x 900mm (4ft x 3ft) ➤ Max cutting speed 0-36000 (mm/min) ➤ Operating Modes: Raster engraving & Vector cutting ➤ Software RDWork V8 ➤ Power Supply AC220V +/- 50/60 HZ ➤ Format supported BMP, GIF, JPEG, PLT, DXF, PCX, TGA Etc. ➤ Z-Axis adjustable 	<p>Bundle with:</p> <ul style="list-style-type: none"> ➤ software, water chiller ➤ Exhaust, air blower, air compressor <p>Specifications:</p> <ul style="list-style-type: none"> ➤ Laser Type CO2 Glass Laser Tube ➤ Laser power 130watts ➤ Work Area 1300mm x 900mm (4ft x 3ft) ➤ Max cutting speed 0-36000 (mm/min) ➤ Operating Modes: Raster engraving & Vector cutting ➤ Software ➤ Power Supply AC220V +/- 50/60 HZ ➤ Format supported BMP, GIF, JPEG, PLT, DXF, PCX, TGA Etc. ➤ Z-Axis adjustable
3	High-End Branded UV Printer	<p>Specs:</p> <ul style="list-style-type: none"> ➤ Printhead number 3 pcs ➤ Print size Max. 600mm x 900mm ➤ Print Mode white or colored ➤ Print color ➤ CMYK + LC + LM + White + Varnish 	<p>Specs:</p> <ul style="list-style-type: none"> ➤ Printhead number 3 pcs ➤ Print size Max. 600mm x 900mm ➤ Print Mode white or colored ➤ Print color ➤ CMYK + LC + LM + White + Varnish

		<ul style="list-style-type: none"> ➤ Printing Software Flexiprint software ➤ Print Resolution: 360dpi*720dpi*1440dpi ➤ Temperature: 20-25 C humidity ➤ Print Height 0-18cm ➤ Rated Voltage AC220/110v 50-60HZ ➤ Printer Dimension 155* 168* 62cm (L*W*H) ➤ Net/Gross weight 160kg/280kg 	<ul style="list-style-type: none"> ➤ Printing Software ➤ Print Resolution: 360dpi*720dpi*1440dpi ➤ Temperature: 20-25 C humidity ➤ Print Height 0-18cm ➤ Rated Voltage AC220/110v 50-60HZ
4	High-End Branded Mechatronics Kit	<p>Stacking Station</p> <ul style="list-style-type: none"> ➤ Stacking magazine module ➤ Press-fit unit module ➤ Multi-pin plug distributor ➤ 2 solenoid valves ➤ 2 cylinders ➤ 1 magnetic limit switch ➤ Aluminum slotted assembly board ➤ Tool set ➤ Workpieces ➤ Systainer ➤ Equipment trays ➤ CD with FluidSIM and documents <p>Conveyor Station</p> <ul style="list-style-type: none"> ➤ Conveyor belt module with DC motor ➤ Solenoid as stopper/deflector ➤ Multi-pin plug distributorship ➤ Inductive sensor ➤ Opto sensor (light barrier) ➤ Aluminum slotted assembly board ➤ Tool set ➤ Workpieces ➤ Systainer ➤ Equipment trays ➤ CD with FluidSIM and documents <p>Handling Station</p> <ul style="list-style-type: none"> ➤ Handling module ➤ 2 solenoid valves ➤ 4 magnetic limit 	<p>Stacking Station</p> <ul style="list-style-type: none"> ➤ Stacking magazine module ➤ Press-fit unit module ➤ Multi-pin plug distributor ➤ 2 solenoid valves ➤ 2 cylinders ➤ 1 magnetic limit switch ➤ Aluminum slotted assembly board ➤ Tool set ➤ Workpieces ➤ Systainer ➤ Equipment trays ➤ software and documents <p>Conveyor Station</p> <ul style="list-style-type: none"> ➤ Conveyor belt module with DC motor ➤ Solenoid as stopper/deflector ➤ Multi-pin plug distributorship ➤ Inductive sensor ➤ Opto sensor (light barrier) ➤ Aluminum slotted assembly board ➤ Tool set ➤ Workpieces ➤ Systainer ➤ Equipment trays ➤ software and documents <p>Handling Station</p> <ul style="list-style-type: none"> ➤ Handling module ➤ 2 solenoid valves ➤ 4 magnetic limit

		<ul style="list-style-type: none"> switches ➤ 2 pneumatic cylinders with plain-bearing guide ➤ 1 pneumatic gripper ➤ Multi-pin plug distributor ➤ Aluminum slotted assembly board ➤ Tool set ➤ Workpieces ➤ Systainer ➤ Equipment trays ➤ CD with FluidSIM and documents <p>Compressor Contains:</p> <ul style="list-style-type: none"> ➤ 1 stacking magazine station ➤ 1 conveyor station ➤ 1 handling station ➤ 1 compressor with connector for DE, FR, NO, SE, FI, PT, ES, AT, NL, BE, GR, TR, IT, DK, IR, ID ➤ 3 x easyport to connect the stations to the computer ➤ 3 x power supply unit with connector for DE, FR, NO, SE, FI, PT, ES, AT, NL, BE, GR, TR, IT, DK, IR, ID ➤ FluidSIM ➤ Documents on CD-ROM ➤ Workpieces ➤ Tools ➤ Screw set ➤ Systainers 	<ul style="list-style-type: none"> switches ➤ 2 pneumatic cylinders with plain-bearing guide ➤ 1 pneumatic gripper ➤ Multi-pin plug distributor ➤ Aluminum slotted assembly board ➤ Tool set ➤ Workpieces ➤ Systainer ➤ Equipment trays ➤ software and documents <p>Compressor Contains:</p> <ul style="list-style-type: none"> ➤ 1 stacking magazine station ➤ 1 conveyor station ➤ 1 handling station ➤ 1 compressor with connector for DE, FR, NO, SE, FI, PT, ES, AT, NL, BE, GR, TR, IT, DK, IR, ID ➤ 3 x easyport to connect the stations to the computer ➤ 3 x power supply unit with connector for DE, FR, NO, SE, FI, PT, ES, AT, NL, BE, GR, TR, IT, DK, IR, ID ➤ software ➤ Documents on CD-ROM ➤ Workpieces ➤ Tools ➤ Screw set ➤ Systainers
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For your guidance and information of all concerns.

Sincerely yours,


CARLITO C. LARIOSA
Chairperson, PSHS-CMC BAC