

# Technical Specifications

Lot 12

: Food processing equipment

No.	Item	Minimum Agency Specifications Unless Otherwise Specified	Qty	Unit	Statement of Compliance*	Make Brand / Model	Reference
1	Fruits and Vegetables Slicing Machine	Kindly refer to the technical specifications attached as Annex D12.	1	unit			
2	Canning Machine, 4 seaming roller		1	unit			
3	Food Dehydrator Machine		1	unit			
4	Fine Powder Grinding Machine		1	unit			
5	Vacuum Packing Machine, Table Top		1	unit			
6	Meat Grinder		1	unit			
7	Smokehouse		1	unit			

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All tools, equipment, gadgets and electrically operated instruments should have Standard Manufacturers Manual and/or Datasheet/Specification Sheet/Brochure as indicated in Annex D12.

Instruction Manual is an instructional book or booklet that is supplied with almost all technologically advanced products such as electrical products.

Datasheet/Specification Sheet/Brochure is a document that summarizes the performance and other characteristics of a product, machine, component that comes along with the product from its release from the manufacturer.

I hereby certify that the statement of compliance to the foregoing technical specifications are true and correct, otherwise, if found to be false either during bid evaluation or post-qualification, the same shall give rise to automatic disqualification of our bid.

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

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Signature over Printed Name of Authorized Representative

\_\_\_\_\_  
Date

## ANNEX D12

Lot No.	Lot	Code	Item	Agency Specification	Classification	Test Procedure (Post Evaluation)	Test Procedure (Inspection and Acceptance)	English Manual
12	Food processing equipment	12-001	Fruits and Vegetables Slicing Machine	Automatic and manual Capacity: 120kg/hr Power Supply: 220V/ 60Hz/ 1Ph	Equipment	Evaluation of Brochure with picture and/or data sheet and training proposal	- Checking the conformity with the quantity including parts and accessories - Checking the conformity of hardware vis-a-vis offered specifications - Functionality testing	Yes
12	Food processing equipment	12-002	Canning Machine, 4 seaming roller	Stainless steel Semi-Automatic Packaging type: can Function: tin canning, can seaming Number of sealing head: 1 Number of seaming roller: 4 Sealing height: 50-200mm Sealing can diameter: 30-156mm Sealing Capacity: at least 30 cans/min Power: 1.7kW, 220V, 60Hz, single phase *Overall machine size: 2m (width) x 3m (height) to ensure that there will be no issue during ingress Includes Certificate of authority to sell from the manufacturer or local distributor/reseller	Equipment		- Checking the conformity with the quantity including parts and accessories - Checking the conformity of hardware vis-a-vis offered specifications - Functionality testing	Yes
12	Food processing equipment	12-003	Food Dehydrator Machine	Digital Stainless Steel Number of Trays: 20 Tray size: 40 x 38 cm Grid size: 6 mm Temperature range: 30-90 degrees Power: 2000watts, 220V, 60Hz single phase with door handle *Overall machine size: 2m (width) x 3m (height) to ensure that there will be no issue during ingress Includes Certificate of authority to sell from the manufacturer or local distributor/reseller	Equipment		- Checking the conformity with the quantity including parts and accessories - Checking the conformity of hardware vis-a-vis offered specifications - Functionality testing	Yes

Lot No.	Lot	Code	Item	Agency Specification	Classification	Test Procedure (Post Evaluation)	Test Procedure (Inspection and Acceptance)	English Manual
12	Food processing equipment	12-004	Fine Powder Grinding Machine	<p>Machinery capacity: 30-800kg/ H  Material: SS304/ SS316L  Machinery Function: Colloid Mill  Voltage: 120V-480V  Function: Grinding Material  Processing Micron: 300micron  Frequency: 0-60Hz  Weight: 50-300kgs  Viscosity: 1-1000000pas  Temperature: 0-100 celsius degree  Installation: Movable or Fixed  Connection: Clamp/ Union  Motor Type: Normal - Inverter  Grinding Precision: Normally grinding precision 60-100 microns (emulsifying precision 50um)  RTS default: LNS60 with circulating pipe  Type: Split  Power (Kw): 2.2kw  Funnel (L): 4.1L  Capacity kg/h): 30-50kg/h  Cooling water pipe:3/8"  Weight: 65kgs</p>	Equipment	Evaluation of Brochure with picture and/or data sheet and training proposal	<ul style="list-style-type: none"> <li>- Checking the conformity with the quantity including parts and accessories</li> <li>- Checking the conformity of hardware vis-a-vis offered specifications</li> <li>- Functionality testing</li> </ul>	Yes
12	Food processing equipment	12-005	Vacuum Packing Machine, Table Top	<p>Table top  Double Sealing Bar  Stainless steel  Semi-automatic  Capacity: 120kg/ Hr, 13 times per min  Power Supply V/ Hz/ Ph Voltage: 220V, 60Hz, 1 Ph</p>	Equipment		<ul style="list-style-type: none"> <li>- Checking the conformity with the quantity including parts and accessories</li> <li>- Checking the conformity of hardware vis-a-vis offered specifications</li> <li>- Functionality testing</li> </ul>	Yes
12	Food processing equipment	12-006	Meat Grinder	<p>Stainless steel  Electric  3-in-1 slicer, grinder, mincer  Production capacity: 150-180kg/h  2.2kw, 220V, 60Hz single phase  With orifice plate</p>	Equipment		<ul style="list-style-type: none"> <li>- Checking the conformity with the quantity including parts and accessories</li> <li>- Checking the conformity of hardware vis-a-vis offered specifications</li> <li>- Functionality testing</li> </ul>	Yes
12	Food processing equipment	12-007	Smokehouse	<p>Automatic Grade: Semi-automatic  Volume: 820 x 720 x 940mm or bigger  Productivity: 50kg/ time  Power: 13.5kw</p>	Equipment	Evaluation of Brochure with picture and/or data sheet and training proposal	<ul style="list-style-type: none"> <li>- Checking the conformity with the quantity including parts and accessories</li> <li>- Checking the conformity of hardware vis-a-vis offered</li> </ul>	Yes

Lot No.	Lot	Code	Item	Agency Specification	Classification	Test Procedure (Post Evaluation)	Test Procedure (Inspection and Acceptance)	English Manual
				Weight: 140 kg Copper Motor Speed: 2800 r/ min *Overall machine size: should not be more than 2m (width) x 3m (height) to ensure that there will be no issue during ingress			specifications - Functionality testing	

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# Technical Specifications

**Lot 13 : 3D Printing Technology**

No.	Item	Minimum Agency Specifications Unless Otherwise Specified	Qty	Unit	Statement of Compliance*	Make Brand / Model	Reference
1	Metal 3D Printer Machine	Kindly refer to the technical specifications attached as <b>Annex D13.</b>	2	set			
2	Resin 3D Printer - LCD Type		12	set			
3	Fused Deposition Modeling 3D Printer		21	Set			
4	3D Scanner		8	set			

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All tools, equipment, gadgets and electrically operated instruments should have Standard Manufacturers Manual and/or Datasheet/Specification Sheet/Brochure as indicated in Annex D13.

Instruction Manual is an instructional book or booklet that is supplied with almost all technologically advanced products such as electrical products.

Datasheet/Specification Sheet/Brochure is a document that summarizes the performance and other characteristics of a product, machine, component that comes along with the product from its release from the manufacturer.

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# ANNEX D13

Lot No.	Lot	Code	Item	Agency Specification	Classification	Test Procedure (Post Evaluation)	Test Procedure (Inspection and Acceptance)	English Manual
13	3D Printing Technology	13-001	Metal 3D Printer Machine	Refer to Technical Specification of Item Code 13-001	Equipment		<ul style="list-style-type: none"> <li>- Checking the conformity with the quantity including parts and accessories</li> <li>- Checking the conformity of hardware vis-a-vis offered specifications</li> <li>- Functionality testing</li> </ul>	Yes
13	3D Printing Technology	13-002	Resin 3D Printer - LCD Type	<p>Connectivity: USB / Ethernet            Technology: Resin 3D Printer - LCD Type            Operation: At least 3.0 inch touch screen            Projection screen: at least 9 inch industrial 6k monochrome screen            Wavelength: 405 nm            XY Resolution: 35 µm            Layer Thickness: maximum range up to 0.2mm            Printing Speed: up to 50mm/H            Power Requirement: 220-240 V, 60Hz            Printer size: at least L11 x W9 X H17 inches or equivalent            Print Volume: at least L7.0 x 4.0 x 7.0 inch</p> <p>Inclusion:            accessories for the complete operation of resin printer            1 unit of wash per printer            1 unit of cure per printer            1 bottle of Regular Resin            User's manual in English</p> <p>Other requirements:            Includes installation, commissioning and training            Certificate of authority to sell from the manufacturer or local distributor/reseller</p>	Equipment	Evaluation of Brochure with picture and/or data sheet and training proposal	<ul style="list-style-type: none"> <li>- Checking the conformity with the quantity including parts and accessories</li> <li>- Checking the conformity of hardware vis-a-vis offered specifications</li> <li>- Functionality testing</li> </ul>	Yes

Lot No.	Lot	Code	Item	Agency Specification	Classification	Test Procedure (Post Evaluation)	Test Procedure (Inspection and Acceptance)	English Manual
				Certificate of End of Life (EOL) Service from Manufacturer (5 years) Proof of certified trainer issued by the manufacturer				
13	3D Printing Technology	13-003	Fused Deposition Modeling 3D Printer	Refer to Technical Specification of Item Code 13-003	Equipment	Evaluation of Brochure with picture and/or data sheet and training proposal	- Checking the conformity with the quantity including parts and accessories - Checking the conformity of hardware vis-a-vis offered specifications - Functionality testing	Yes
13	3D Printing Technology	13-004	3D Scanner	Refer to Technical Specification of Item Code 13-004	Equipment		- Checking the conformity with the quantity including parts and accessories - Checking the conformity of hardware vis-a-vis offered specifications - Functionality testing	Yes

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## TECHNICAL SPECIFICATION

<b>Name of the Learning System</b>	<b>Metal 3D Printer with Sintering Furnace</b>
<b>Item Code</b>	13-001
<b>Technology Area(s)</b>	3D Printing Technology

### Technical Specification

- Print technology: Metal Fused Filament Fabrication (MFFF) with capability to print metal materials and ceramic release
- Build volume: atleast 300 x 210 x 180 mm
- Material Compatibility: Compatible with stainless steel, Tool Steel, High Purity Copper (99.8%), Inconel, Ceramic release
- Print Head: Dual Extrusion Print head Two nozzles — Metal material and release material
- Nozzle diameter: 0.4mm
- Print Head Technology: Dual extruder
- Layer resolution: Compatible up to 50 micron or better
- Certification: ISO/IEC 27001
- Enclosure: Fully enclosed system with heated print chamber
- Heated bed: must be able to reach atleast 100 degree celsius or higher
- Printer should be able to connect to a printer management system that can track the users, print times, print consumption and other statistics
- Bed leveling should be an automatic leveling system
- Connectivity: Wifi, Ethernet, LAN, USB Drive Connectivity
- Power Requirements: 110-240VAC, 60Hz, Single-phase
- File types: STL/OBJ/DAE/AMF
- Includes separate unit of Laboratory Sintering Furnace capable of reaching at least 1300C and is carbon free retort
  - Size Capacity: 140mm ID x 300mm L and can accommodate batch processing
- All metal materials from printing system are able to be sintered in furnace
- Gas Type: Argon and Mixes gas, locally available
- Includes separate unit of debinding station using Oxalic Acid Fluid or equivalent with work envelop of At least 300 x 200 x 200 mm
- Safety Management must include High vapour shut off and Low fluid level shut off
- Wash fluid must be locally available
- Includes slicing software (perpetual license) with template of material parameters readily available fo debinding and sintering process
- Software Security: Two-factor authentication, org admin access, single sign-on
- Metal 3D printer, debinding station and sintering furnace should be the same brand and can be operated using one software for compatibility

### Additional requirements:

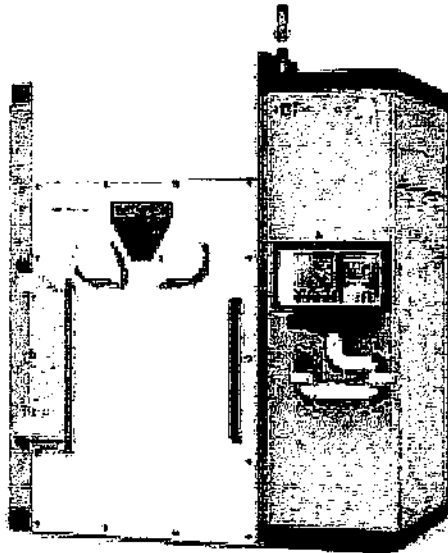
- Certificate of authority to sell from the manufacturer or local distributor/reseller
- Certificate of End of Life (EOL) Service from Manufacturer (5 years)
- Training certificate provided by manufacturer to end-user to become Certified Additive Expert in Metal 3D Printing



**Package inclusion:**

- 1 unit debinder
- 1 unit sintering furnace
- 1 spool each metal material - stainless steel and tool steel
- 1 set of external exhaust and gas handling for furnace
- 1 set of gas and fluid

**Sample Image:**



*Picture for reference only*

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## TECHNICAL SPECIFICATION

<b>Name of the Learning System</b>	<b>Fused Deposition Modeling 3D Printer</b>
<b>Item Code</b>	13-003
<b>Technology Area(s)</b>	3D Printing Technology

### Technical Specification

<b>Filament</b>	PLA/ABS/PETG
<b>Nozzle temperature</b>	At least 260 degree celsius
<b>Printing size</b>	At least 200 x 200 x 250 mm or larger
<b>Maximum printing speed</b>	150mm/s
<b>Leveling</b>	Auto-levelling
<b>Extruder</b>	Single; Nozzle size: 0.4mm
<b>Motherboard</b>	32 bit silent motherboard or equivalent
<b>Data transmission</b>	SD card and USB/Type C USB
<b>Language</b>	English
<b>Others</b>	Touchscreen
<b>Accessories</b>	<ul style="list-style-type: none"> <li>● Extruder cleaning kit</li> <li>● 4 spool PLA</li> <li>● 2 spool ABS</li> <li>● 2 spool PETG</li> </ul>
<b>Other Requirements</b>	<ul style="list-style-type: none"> <li>● Certificate of authority to sell from the manufacturer or local distributor/reseller</li> <li>● Certificate of End of Life (EOL) Service from Manufacturer (5 years)</li> </ul>

## TECHNICAL SPECIFICATION

<b>Name of the Learning System</b>	<b>3D Scanner</b>
<b>Item Code</b>	13-004
<b>Technology Area(s)</b>	3D Printing Technology

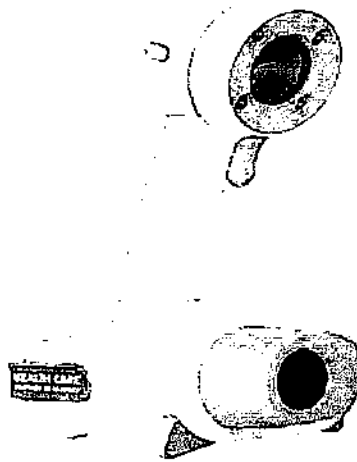
### Technical Specification

- **Handheld 3D Scanner for medium to large object with built-in touchscreen interface**
- **3D point accuracy up to 0.1mm**
- **3D resolution up to 0.6mm or better**
- **Field of View: 280 x 360mm to 490 x 650mm**
- **Data processing algorithms: Geometry and textured based**
- **Ability to capture texture, light source: white LED**
- **Texture resolution: 2.3mp**
- **3D Reconstruction rate: 16fps or equivalent**
- **Data acquisition speed : at least 3mln points /sec or higher**
- **Built-in onboard screen, touchscreen interface**
- **System requirements: Intel core i7 or i9, 64+GB RAM NVIDIA GPU with 8+GB VRAM**
- **Complete accessories**
- **3D Formats: OBJ, PLY, STL, etc**
- **User's Manual (English)**
- **Certificate of authority to sell from the manufacturer or local distributor/reseller**
- **Certificate of End of Life (EOL) Service from Manufacturer (5 years)**
- **Training certificate provided by manufacturer to certified trainer (see section 6 of the bidding document for details)**

### Package inclusions:

- **1 Unit Battery**
- **1 Unit Hard Case**
- **1 Set USB Kit**
- **1 Set Licensed 3D Scanning Software**

**Sample Image:**



*Picture for reference only*

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**Date**

# Technical Specifications

Lot 14

: Electronic kits and sound system

No.	Item	Minimum Agency Specifications Unless Otherwise Specified	Qty	Unit	Statement of Compliance*	Make Brand / Model	Reference
1	Development Controller Board Kit	Kindly refer to the technical specifications attached as Annex D14.	120	set			
2	Micro-computer Development Kit		71	set			
3	Rework Station		120	set			
4	Digital Oscilloscope		50	set			
5	Digital VOM		120	set			
6	Mini CNC Machine for PCB		29	set			
7	Mini Drill Press		29	unit			
8	Variable DC Power Supply		85	unit			
9	Toolkit		120	set			
10	Headset		186	set			
11	Audio Mixer		4	set			
12	Wireless Microphone		14	set			
13	Headphone		12	set			

No.	Item	Minimum Agency Specifications Unless Otherwise Specified	Qty	Unit	Statement of Compliance*	Make Brand / Model	Reference
14	Outdoor speaker with mixer amplifier		5	set			
15	2.1 Speaker with subwoofer		4	set			

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Datasheet/Specification Sheet/Brochure is a document that summarizes the performance and other characteristics of a product, machine, component that comes along with the product from its release from the manufacturer.

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**Date**

# ANNEX D14

Lot No.	Lot	Code	Item	Agency Specification	Classification	Test Procedure (Post Evaluation)	Test Procedure (Inspection and Acceptance)	English Manual
14	Electronic kits and sound system	14-001	Development Controller Board Kit	Refer to Technical Specification of Item Code 14-001	Equipment	Evaluation of Brochure with picture and/or data sheet	<ul style="list-style-type: none"> <li>- Checking the conformity with the quantity</li> <li>- Checking the conformity of hardware vis-a-vis offered specifications</li> <li>- Functionality testing</li> </ul>	Yes
14	Electronic kits and sound system	14-002	Micro-computer Development Kit	Refer to Technical Specification of Item Code 14-002	Equipment		<ul style="list-style-type: none"> <li>- Checking the conformity with the quantity</li> <li>- Checking the conformity of hardware vis-a-vis offered specifications</li> <li>- Functionality testing</li> </ul>	Yes
14	Electronic kits and sound system	14-003	Rework Station	<ul style="list-style-type: none"> <li>• Working Voltage 60Hz, US Standard Plug (or with Adapter)</li> <li>• Digital Readout</li> <li>• Hot Air               <ul style="list-style-type: none"> <li>- Output Power: 500watts</li> <li>- Temperature Range: 100 degree C~500 degree C</li> <li>- Airflow: 12L/min (max)</li> </ul> </li> <li>• Soldering Station               <ul style="list-style-type: none"> <li>- output Power: 50 watts</li> <li>- Temperature Range: 200 degree C~ 480 degree C</li> <li>- Temperature Stability: + 2 degree C (Static)</li> </ul> </li> <li>• Includes               <ul style="list-style-type: none"> <li>- 3 x Hot air nozzle/tips</li> <li>- Soldering stand with tip cleaning pad</li> </ul> </li> </ul>	Equipment		<ul style="list-style-type: none"> <li>- Checking the conformity with the quantity</li> <li>- Checking the conformity of hardware vis-a-vis offered specifications</li> <li>- Functionality testing</li> </ul>	Yes

Lot No.	Lot	Code	Item	Agency Specification	Classification	Test Procedure (Post Evaluation)	Test Procedure (Inspection and Acceptance)	English Manual
14	Electronic kits and sound system	14-004	Digital Oscilloscope	<ul style="list-style-type: none"> <li>• Desktop - type</li> <li>• Four analog channel</li> <li>• Bandwidth: 100 Mhz/120 Mhz</li> <li>• Vertical Sensitivity: 1mV/div~20V/division</li> <li>• Timebase Range: 2ns/div~50s/div</li> <li>• Real time sample rate up to 1 GSa/s</li> <li>• Memory dept at least 24 Mpts</li> <li>• 7 inch (800x480) TFT Display or bigger</li> <li>• Working Voltage: 220VAC 60Hz + 10%</li> <li>• Interface: USB and LAN port</li> <li>• Includes: <ul style="list-style-type: none"> <li>- 4 Test probes with X1 X10 ± 2 % attenuation ratio</li> <li>- USB Cable at least 1m</li> <li>- Power cord</li> </ul> </li> </ul>	Equipment		<ul style="list-style-type: none"> <li>- Checking the conformity with the quantity</li> <li>- Checking the conformity of hardware vis-a-vis offered specifications</li> <li>- Functionality testing</li> </ul>	Yes
14	Electronic kits and sound system	14-005	Digital VOM	<ul style="list-style-type: none"> <li>• DC Voltage: 200mv/2V/20V/200V/600V (0.5%+1) more precise tolerance is better</li> <li>• AC Voltage: 200mv/2V/20V/200V/600V (0.8%+3) more precise tolerance is better</li> <li>• DC Current: 2mA/20mA/200mA/10A ±(0.8%+3) more precise tolerance is better</li> <li>• AC Current: 20mA/200mA/10A ±(1%+3) more precise tolerance is better</li> <li>• Resistance: 200Ω/2kΩ/20kΩ/200kΩ/2MΩ ±(1%+2) more precise tolerance is better</li> <li>• Capacitance: 2nF/20nF/200nF/2μF/100μF ±(4%+3) more precise tolerance is better</li> <li>• Temperature: 40~+1000°C ±(1%+5) more precise tolerance is better</li> <li>• Features: <ul style="list-style-type: none"> <li>- Display count: 2000</li> <li>- Diode test: Yes</li> <li>- Auto power off: Yes</li> <li>- Continuity buzzer: Yes</li> <li>- Low battery Indicator: Yes</li> <li>- Hold: Yes</li> </ul> </li> <li>• Includes: <ul style="list-style-type: none"> <li>- Battery</li> <li>- Test probes</li> <li>- User's manual</li> </ul> </li> </ul>	Equipment	Evaluation of Brochure with picture and/or data sheet	<ul style="list-style-type: none"> <li>- Checking the conformity with the quantity</li> <li>- Checking the conformity of hardware vis-a-vis offered specifications</li> <li>- Functionality testing</li> </ul>	Yes



Lot No.	Lot	Code	Item	Agency Specification	Classification	Test Procedure (Post Evaluation)	Test Procedure (Inspection and Acceptance)	English Manual
14	Electronic kits and sound system	14-006	Mini CNC Machine for PCB	<ul style="list-style-type: none"> <li>• Working Area: 300mm x 180mm x 40mm (X,Y,Z) bigger working area the better</li> <li>• Power Supply: 24VDC</li> <li>• Software: GRBL</li> <li>• Engraving material: plastic, wood, acrylic, pvc, pcb</li> <li>• Support: offline controller, manual controller and computer control</li> <li>• Includes: <ul style="list-style-type: none"> <li>- 10pcs x cutting tool</li> <li>- 4pcs x plate clamp</li> <li>- Power supply</li> <li>- Installation media</li> </ul> </li> </ul>	Equipment	Evaluation of Brochure with picture and/or data sheet	<ul style="list-style-type: none"> <li>- Checking the conformity with the quantity</li> <li>- Checking the conformity of hardware vis-a-vis offered specifications</li> <li>- Functionality testing</li> </ul>	Yes
14	Electronic kits and sound system	14-007	Mini Drill Press	<ul style="list-style-type: none"> <li>• Bench type mini drill press</li> <li>• 250 Watts 5 speed</li> <li>• Chuck size: 13mm max</li> <li>• Maximum piercing capacity : Iron at least 8mm</li> <li>• Forged iron base and tray</li> <li>• Turntable right/left: 45 degrees</li> <li>• 220VAC 60Hz single phase</li> </ul>	Tool		<ul style="list-style-type: none"> <li>- Checking the conformity with the quantity</li> <li>- Checking the conformity of hardware vis-a-vis offered specifications</li> <li>- Functionality testing</li> </ul>	Yes

Lot No.	Lot	Code	Item	Agency Specification	Classification	Test Procedure (Post Evaluation)	Test Procedure (Inspection and Acceptance)	English Manual
14	Electronic kits and sound system	14-008	Variable DC Power Supply	<ul style="list-style-type: none"> <li>• Bench type power supply</li> <li>• Output voltage: 0~30 VDC or higher</li> <li>• Output current: 0~10 Amp or higher</li> <li>• Voltage and current ripple control</li> <li>• Protection mode: Current limiting protection/Short circuit alarm stop output and self-recovery</li> <li>• Digital readout: Four digit display for voltage, current and power measurement</li> <li>• USB charging port</li> <li>• Positive, Ground and Negative Output terminal (binding post type)</li> <li>• 220 VAC 60Hz</li> <li>• Accuracy 0.5% + 2 digit (more precise tolerance much better)</li> <li>• Includes: <ul style="list-style-type: none"> <li>- Power cord</li> <li>- Connecting wires (alligator type)</li> </ul> </li> </ul>	Equipment	Evaluation of Brochure with picture and/or data sheet	<ul style="list-style-type: none"> <li>- Checking the conformity with the quantity</li> <li>- Checking the conformity of hardware vis-a-vis offered specifications</li> <li>- Functionality testing</li> </ul>	Yes
14	Electronic kits and sound system	14-009	Toolkit	Refer to Technical Specification of Item Code 14-009	Tool		<ul style="list-style-type: none"> <li>- Checking the conformity with the quantity</li> <li>- Checking the conformity of hardware vis-a-vis offered specifications</li> <li>- Functionality testing</li> </ul>	N/A
14	Electronic kits and sound system	14-010	Headset	<ul style="list-style-type: none"> <li>• Connectivity: Wired - USB-A</li> <li>• Connects to: Computer</li> <li>• Wearing Style: On-Ear</li> <li>• Boom, Noise-canceling microphone</li> <li>• 1-year Warranty</li> </ul>	Equipment		<ul style="list-style-type: none"> <li>- Checking of specification and quantity (offered vs. actual)</li> <li>- Check package completeness</li> <li>- Functionality test</li> </ul>	Yes

Lot No.	Lot	Code	Item	Agency Specification	Classification	Test Procedure (Post Evaluation)	Test Procedure (Inspection and Acceptance)	English Manual
14	Electronic kits and sound system	14-011	Audio Mixer	<ul style="list-style-type: none"> <li>- Type: Analog amplified (370 watts + 370 watts 80 ohms)</li> <li>- Channels: 14</li> <li>- Equalizer: 3 Band (High, Mid, Low), reverb, gain and balance control per channel</li> <li>- Input: 8x XLR and 1/4" TRS Phone and 2 x 1/4" TRS phone and 2x RCA, (Auxiliary input)</li> <li>- Output: (Main) 2 x XLR and 1/4" TRS Phone, (Monitor) 2x 1/4" TRS Phone (stereo)</li> <li>- USB support/player</li> <li>- AC 220 - 240v 60Hz</li> </ul>		Evaluation of Brochure with picture and/or data sheet	<ul style="list-style-type: none"> <li>- Checking of specification and quantity (offered vs. actual)</li> <li>- Check package completeness</li> <li>- Functionality test</li> </ul>	Yes
14	Electronic kits and sound system	14-012	Wireless Microphone	<ul style="list-style-type: none"> <li>- 4 Channel UHF receiver</li> <li>- 2 pieces handheld wireless microphone</li> <li>- 2 Lapel Mic with Wireless Transmitter (clip type)</li> <li>- Range: at least 250 feet line of sight</li> <li>- AF/RF led indicator</li> <li>- XLR port</li> <li>- Volume and echo control per channel</li> <li>- AC 220 - 240v 60Hz</li> </ul> <p>Includes:</p> <ul style="list-style-type: none"> <li>- 4 pieces, 1m long receiver to mixer cable (XLR)</li> </ul>	Equipment		<ul style="list-style-type: none"> <li>- Checking of specification and quantity (offered vs. actual)</li> <li>- Check package completeness</li> <li>- Functionality test</li> </ul>	Yes
14	Electronic kits and sound system	14-013	Headphone	<ul style="list-style-type: none"> <li>- Over the ear type</li> <li>- Hi-Res</li> <li>- Bluetooth 5.0 or higher</li> <li>- Active Noise Cancellation controlled through App</li> <li>- 40mm driver</li> <li>- At Least 60Hr playtime</li> <li>- 2 Microphones with AI Algorithm</li> </ul>	Equipment		<ul style="list-style-type: none"> <li>- Checking of specification and quantity (offered vs. actual)</li> <li>- Check package completeness</li> <li>- Functionality test</li> </ul>	Yes

Lot No.	Lot	Code	Item	Agency Specification	Classification	Test Procedure (Post Evaluation)	Test Procedure (Inspection and Acceptance)	English Manual
14	Electronic kits and sound system	14-014	Outdoor speaker with mixer amplifier	- 8-channel mixer with 2 x 325-350 watts amplified output, bluetooth, USB, Stereo Rec. Phone jack, graphic equalizer, FX and Reverb - 1 pair 2-way bass reflex passive speaker 12" x 500 watts, 8 ohms, plastic molded, 45Hz~20Khz	Equipment	Evaluation of Brochure with picture and/or data sheet	- Checking of specification and quantity (offered vs. actual) - Check package completeness - Functionality test	Yes
14	Electronic kits and sound system	14-015	2.1 Speaker with subwoofer	- 2 satellite speaker, 1 Subwoofer - Total power 40 Watts or higher - 3.5 Jack, USB and Bluetooth connection	Equipment		- Checking of specification and quantity (offered vs. actual) - Check package completeness - Functionality test	Yes

**I hereby certify that the statement of compliance to the foregoing technical specifications are true and correct, otherwise, if found to be false either during bid evaluation or post-qualification, the same shall give rise to automatic disqualification of our bid.**

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

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

\_\_\_\_\_  
Date

## TECHNICAL SPECIFICATION

<b>Name of The Learning System</b>	<b>Development Controller Board Kit</b>
<b>Item Code</b>	14-001
<b>Technology Area(s)</b>	Electronic kits and sound system

Arduino Prototyping kit for various applications

Arduino Uno r3 Dip Type ATMEGA16U2 USB (stand-alone board)

- 14 Digital I/O
- 6 Analog I/O
- 5V
- USB Cable (0.5m Length)

Arduino Uno R3 Kit with the following parts

1. 1 x Mainboard +1 x USB cable(0.5m Length)
2. 1 x GPIO Extension Board + 1 x Connecting Cable
3. 1 x Breadboard(830 Points)
4. 1 x Mini Breadboard+1 x Extension board
5. 10 x 3mm Red LEDs
6. 10 x 3mm Green LEDs
7. 10 x 3mm Yellow LEDs
8. 1 x 5mm RGB LED
9. 5 x Button with Cap
10. 10 x 330 ohm Resistor
11. 10 x 1k ohm Resistor
12. 10 x 10k ohm Resistor
13. 1 x 1K Adjustable Trim Pot Resistor (Potentiometer)
14. 1 x 10K Adjustable Trim Pot Resistor (Potentiometer)
15. 1 x 2.54mm Elbow 40 Pin Header
16. 1 x 2.54mm Straight 40 Pin Header
17. 1 x 5516 LDR (Photoresistor)
18. 1 x Ball switch
19. 1 x Active Buzzer 5V
20. 1 x Passive Buzzer 5V
21. 1 x 74HC595 8bit Shift Register
22. 1 x LM35 Temperature Sensor
23. 1 x SS8050 NPN Transistor
24. 1 x 1838 Infrared Receiver
25. 1 x Infrared Sender
26. 1 x Infrared Phototransistor(Flame Sensor)
27. 1 x Infrared Remote controller(Battery Not Included)
28. 1 x Stepper Motor
29. 1 x SG90 Servo motor
30. 1 x 1602 LCD

31. 1 x 1-Digit Eight-segment Display
32. 1 x 4-Digit Eight-segment Display
33. 1 x 8\*8 Dot Matrix Led Display
34. 1 x Stepper Motor Driver Board
35. 1 x Sound Sensor Module
36. 1 x PS2 Joystick module
37. 1 x RTC module(Battery Not Included)
38. 1 x Relay Module(5V-10A)
39. 65 x Jump Wires
40. 10 x Female-Female Dupont wires
41. 10 x Male-Female Dupont wires
42. 1 x 9V Battery Holder(Battery not included)
43. 1 x HC-SR04 Module

38 in 1 box Sensor Kit for Arduino with the following parts:

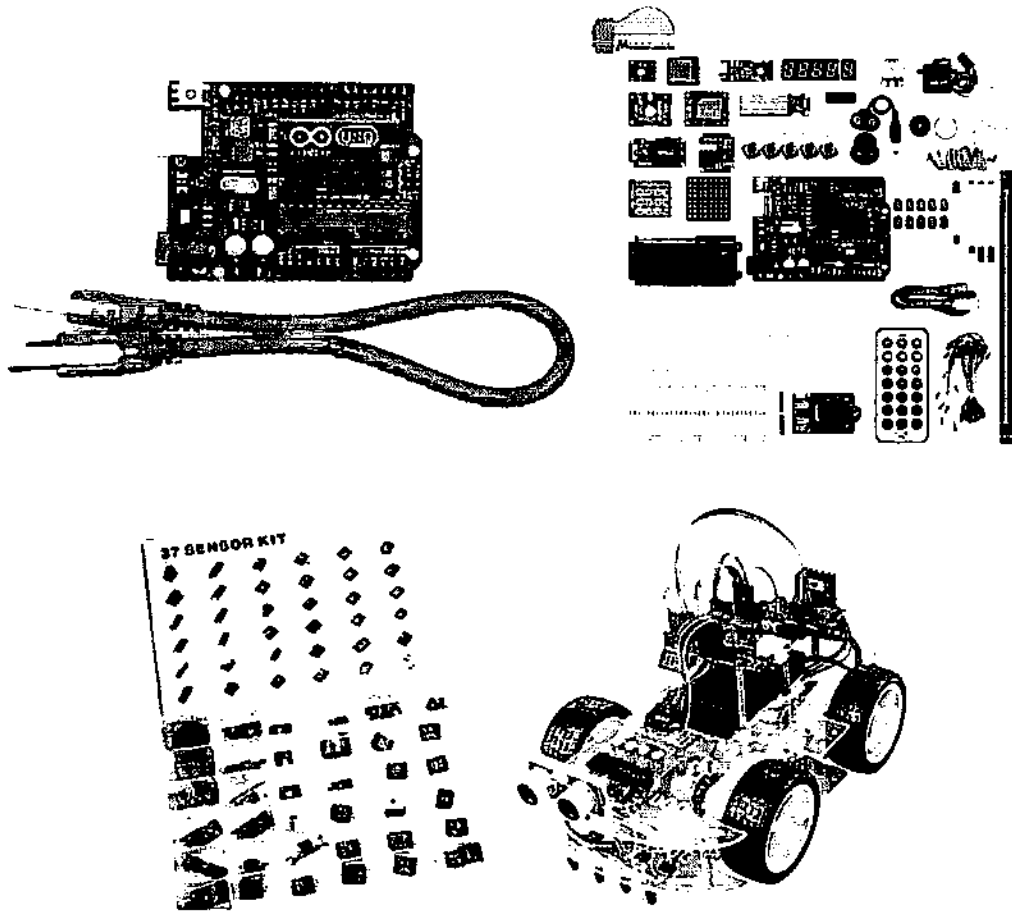
1. 1 x Joystick module
2. 1 x Flame Sensor module
3. 1 x RGB LED module
4. 1 x Heartbeat Sensor module
5. 2 x Light Cup module
6. 1 x Hall Magnetic module
7. 1 x Relay module
8. 1 x Linear Hall module
9. 1 x SMD RGB module
10. 1 x 7 Color Flash module
11. 1 x Hydrargyrum Switch module
12. 1 x 18B20 Temperature module
13. 1 x Big Sound module
14. 1 x Metal Touch module
15. 1 x Two-Color module
16. 1 x Tilt Switch module
17. 1 x Analog Temperature module
18. 1 x Small Sound module
19. 1 x Digital Temperature module
20. 1 x Mini Two-Color module
21. 1 x Button module
22. 1 x Photo Resistor module
23. 1 x IR Emission module
24. 1 x Tracking sensor module
25. 1 x Microphone sensor module
26. 1 x Active Buzzer module
27. 1 x Magnetic Spring module
28. 1 x Shock sensor module
29. 1 x Temperature and Humidity sensor module
30. 1 x IR Receiver sensor module
31. 1 x Avoidance Sensor module
32. 1 x Passive Buzzer module
33. 1 x Mini Reed Switch sensor module
34. 1 x Rotary Encoders sensor module
35. 1 x Analog Hall Sensor module

36. 1 x Tap sensor module
37. 1 x Light Blocking sensor module

**4WD SMART Robot Car Chassis Kit for Arduino with the following parts:**

1. 2 x Acrylic transparent 4-wheel trolley floor
2. 1 x CH340 with USB development board(with a data cable)
3. 1 x L298N motor drive module
4. 1 x Ultrasonic sensor module
5. 1 x Four-way tracking module
6. 4 x 5V DC gear motor (with wheels)
7. 1 x Ultrasonic bracket
8. 8 x Motor fixing bracket (acrylic transparent)
9. 4 x Speed Code Disc (Black)
10. 1 x 18650 battery box with switch
11. 3 x M3\*50 copper pillar
12. 8 x M3\*30 copper pillar
13. 2 x M3\*15+6 copper pillar
14. 17 x M3 nuts
15. 33 x M3\*8 round head screw
16. 8 x M3\*30 round head screws
17. 3 x M2 nut
18. 2 x M2\*8 round head screws
19. 4 x M1.6\*8 round head screws
20. 4 x M1.6 nut
21. 1 x Male to female Dupont wire 30cm
22. 15 x Male to female Dupont line 20CM
23. 8 x Male to male Dupont line 20cm
24. 4 x Male to female Dupont wire 10cm
25. 2 x Male to male Dupont line 10cm
26. 1 x Four-way tracing and obstacle avoidance car kit CD
27. 1 x Yellow packing box(270\*165\*50mm)

**Sample Image:**



*Picture for reference only*

**I hereby certify that the statement of compliance to the foregoing technical specifications are true and correct, otherwise, if found to be false either during bid evaluation or post-qualification, the same shall give rise to automatic disqualification of our bid.**

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<b>Name of Company/Bidder</b>	<b>Signature over Printed Name of Authorized Representative</b>	<b>Date</b>
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## TECHNICAL SPECIFICATION

<b>Name of The Learning System</b>	<b>Micro-computer Development Kit</b>
<b>Item Code</b>	14-002
<b>Technology Area(s)</b>	Electronic kits and sound system

### Board Specification

SOC	Broadcom BCM2771
CPU	64-Bit 1.5 Hz Quad-core
GPU	Broadcom VideoCore VI@500MHz
Bluetooth	5.0
USB Interface	USB 3.0 x 2
HDMI	Micro HDMI supports 4K60
Power Supply Interface	USB Type-C (5V 3A)
WiFi	802.11 2.4GHz/5Ghz Dual band
Wired Network Interface	True Gigabit Ethernet
Ethernet POE	Powered Over additional HAT Ethernet (POE)

### Includes

- Case
- USB-C Power supply
- Micro HDMI to Standard HDMI Cable (1m)
- Heatsink and fan
- 32 GB Class 10 MicroSD Card

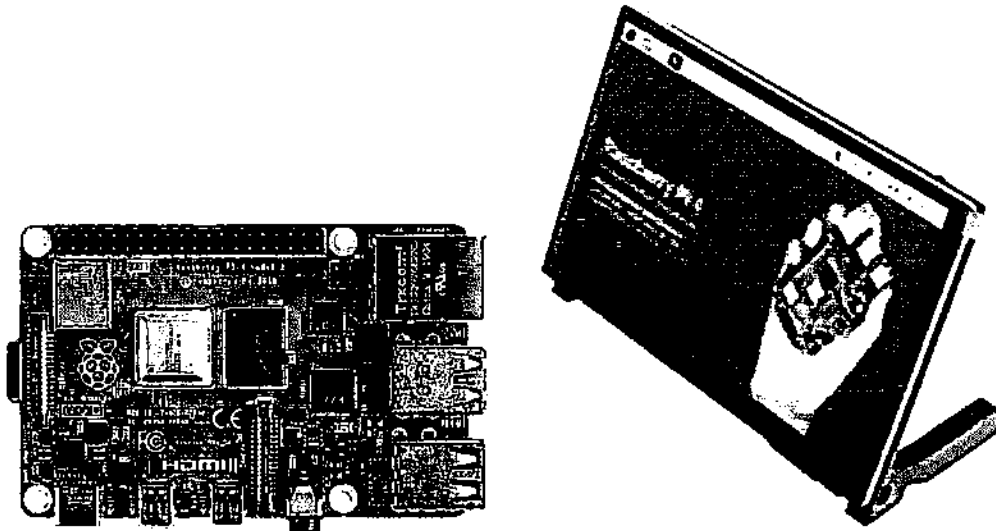
### LCD module

- 5.0" 800\*480 DSI IPS
- Multi-touch
- With case

**Toolbox/Organizer**

- 40~44 cm x 20~23 cm x 19~21 cm (L x W x H)
- Polypropylene/ABS plastic with metal latch
- 3 component storage on the top cover
- 1 Removable tray
- Max load: 15KG

**Sample Image:**



*Picture for reference only*

**I hereby certify that the statement of compliance to the foregoing technical specifications are true and correct, otherwise, if found to be false either during bid evaluation or post-qualification, the same shall give rise to automatic disqualification of our bid.**

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## TECHNICAL SPECIFICATION

<b>Name of The Learning System</b>	<b>Toolkit</b>
<b>Item Code</b>	14-009
<b>Technology Area(s)</b>	Electronic kits and sound system

### Screw driver set

- Soft grip handle
- Chrome Vanadium
- Magnetic
- Includes plastic screw driver holder (table top)
- Sizes are as follows:
  - Flat
    - 1pc x 6.5 x 38mm
    - 1pc x 6.5 x 100mm
    - 1pc x 5.5 x 75mm
    - 1 pc x 8 x 150mm
  - Philips
    - 1 pc x 2 x 38mm
    - 1 pc x 2 x 100 mm
    - 1 pc x 1 x 75 mm
    - 1 pc x 3 x 150 mm
  - Precision Screwdrivers
    - 1 pc x Flat 1.5 x 50mm
    - 1 pc x Flat 2 x 50 mm
    - 1 pc x Flat 2.5 X 50mm
    - 1 pc x Flat 3 x 50 mm
    - 1 pc x Philips 000x50mm
    - 1 pc x Philips 00 x 50 mm
    - 1 pc x Philips 0 x 50mm
    - 1 pc x T6 x 50mm
    - 1 pc x T8 x 50mm
    - 1 pc x T10 x 50mm

### Plier set

- Long nose plier
  - 6 inch long
  - Chrome Vanadium
  - Non-slip /Soft grip handle
- Flat nose/Electricians plier
  - 9 inch long
  - Chrome Vanadium
  - Non-slip /Soft grip handle

- Diagonal cutting plier
  - 6 inch long
  - Chrome Vanadium
  - Non-slip /Soft grip handle

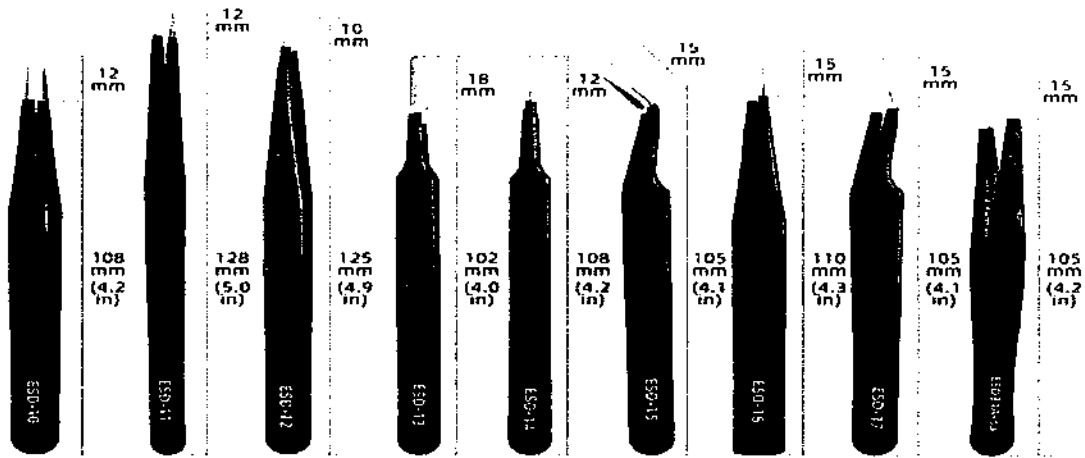
**Precision Diagonal Cutter**

- stainless steel
- 130mm long
- 8mm jaw opening
- with automatic reset spring
- non slip handle

**Tweezer**

- Stainless Steel
- Anti-static
- Includes: carrying case/pack
- Tip:
  - Straight tip:
    - ESD-10
    - ESD-11
    - ESD-12
    - ESD-14
    - ESD-16
  - Flat round head:
    - ESD-13
  - Curved Tip
    - ESD-15 45°
    - ESD-17 30°
  - Flat head
    - ESD34A-sa

**Sample Image:**



*Picture for reference only*

**Toolbox/Organizer**

- 40~44 cm x 20~23 cm x 19~21 cm (L x W x H)
- Polypropylene/ABS plastic with metal latch
- 3 component storage on the top cover
- 1 Removable tray
- Max load: 15KG

**I hereby certify that the statement of compliance to the foregoing technical specifications are true and correct, otherwise, if found to be false either during bid evaluation or post-qualification, the same shall give rise to automatic disqualification of our bid.**

<b>Name of Company/Bidder</b>	<b>Signature over Printed Name of Authorized Representative</b>	<b>Date</b>
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# Technical Specifications

**Lot 15**

**: Computers, Tablets and Handheld Devices**

No.	Item	Minimum Agency Specifications Unless Otherwise Specified	Qty	Unit	Statement of Compliance*	Make Brand / Model	Reference
1	Network Attached Storage	Kindly refer to the technical specifications attached as <b>Annex D15.</b>	7	set			
2	Laptop, high-end		1	set			
3	Desktop Computer for 3D Design		59	set			
4	Desktop Computer for Productivity Application		127	set			
5	Android Tablet		100	set			
6	Laptop for productivity applications		25	set			
7	A3 Inkjet Printer		7	set			
8	A4 Inkjet Printer		15	set			
9	Wireless router		43	set			

\* 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.

All tools, equipment, gadgets and electrically operated instruments should have Standard Manufacturers Manual and/or Datasheet/Specification Sheet/Brochure as indicated in Annex D15.

Instruction Manual is an instructional book or booklet that is supplied with almost all technologically advanced products such as electrical products.

Datasheet/Specification Sheet/Brochure is a document that summarizes the performance and other characteristics of a product, machine, component that comes along with the product from its release from the manufacturer.

I hereby certify that the statement of compliance to the foregoing technical specifications are true and correct, otherwise, if found to be false either during bid evaluation or post-qualification, the same shall give rise to automatic disqualification of our bid.

<b>Name of Company/Bidder</b>	<b>Signature over Printed Name of Authorized Representative</b>	<b>Date</b>
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# ANNEX D15

Lot No.	Lot	Code	Item	Agency Specification	Classification	Test Procedure (Post Evaluation)	Test Procedure (Inspection and Acceptance)	English Manual
15	Computers, Tablets and Handheld Devices	15-001	Network Attached Storage	<ul style="list-style-type: none"> <li>- Dual Core Processor or higher</li> <li>- 6GB RAM or higher</li> <li>- 4 Bays or more</li> <li>- Hot swappable HD</li> <li>- 2 built in M.2 SSD</li> <li>- 2x GbE LAN</li> <li>- 2 USB port</li> <li>- Windows and Mac Compatible</li> </ul> <p>Includes:</p> <ul style="list-style-type: none"> <li>- 4x8TB NAS HD</li> <li>- 220V 60Hz Power supply</li> <li>- Management Software/OS</li> </ul>	Equipment		<ul style="list-style-type: none"> <li>- Checking of specification and quantity (offered vs. actual)</li> <li>- Check package completeness</li> <li>- Functionality test</li> <li>- 24 hr burn-in test</li> </ul>	Yes
15	Computers, Tablets and Handheld Devices	15-002	Laptop, high-end	<ul style="list-style-type: none"> <li>- Processor &amp; Chipset 16 cores 32 threads</li> <li>RAM Memory 32 GB DDR5 4800 MHz</li> <li>Solid State Drive (SSD) 2TB + 2TB</li> <li>M.2 NVMe PCIe 4.0 Performance</li> <li>RAID0 SSD</li> <li>Screen Size 16.0 inch</li> <li>Type &amp; Capacity 90WHrs, 4S1P, 4-cell Li-ion battery</li> <li>Battery Timing Up to 8 Hours</li> <li>Power Supply Wattage @6.0, 240W AC Adapter</li> <li>Output: 20V DC, 12A, 240W</li> <li>Input: 100~240V AC 50/60Hz universal</li> </ul> <p>with licensed OS (Windows 11 or higher)</p> <p>with licensed Microsoft Office 2019 or higher</p>	Equipment	Evaluation of Brochure with picture and/or data sheet	<ul style="list-style-type: none"> <li>- Checking of specification and quantity (offered vs. actual)</li> <li>- Check package completeness</li> <li>- Functionality test</li> </ul>	Yes

Lot No.	Lot	Code	Item	Agency Specification	Classification	Test Procedure (Post Evaluation)	Test Procedure (Inspection and Acceptance)	English Manual
15	Computers, Tablets and Handheld Devices	15-003	Desktop Computer for 3D Design	<ul style="list-style-type: none"> <li>- CPU</li> <li>- Processor: 12 Cores 24 threads 4.7GHz or higher overclockable</li> <li>- Motherboard: 4 memory slot, Built-in Audio port, Gigabit Lan Port, 2x 3.2 Gen USB port, Hardware monitoring, Multiple Temperature Feature, Q-Flash Update Bios</li> <li>- Memory: 64GB DDR4 (2 x 32GB) or higher</li> <li>- Video: 8GB GPU at least 200 GB/sec memory bandwidth, Direct X 11 Compliant, 3x video port output</li> <li>- Dual Drive: SSD NVME 500GB HD: 6TB 540 RPM or faster</li> <li>- 850 watts true rated power supply 220VAC 60Hz</li> <li>- ATX casing Mid/Full Tower Form Factor, 4 RGB Fans</li> <li>- Dual Monitor WQHD, 34" 12:9 screen ratio, 144Hz refresh rate, 220VAC 60Hz</li> <li>- Wired full sized mechanical keyboard</li> <li>- Mouse</li> <li>- Includes</li> <li>+ Wifi Dongle/Card installed in CPU supports multiple band (i.e 5G, 2.4G)</li> <li>+ Bluetooth 5.1 Dongle/Card installed or higher</li> <li>+ Windows 11 Professional with installation/recovery media</li> <li>+ 1080P USB Webcam</li> <li>+ Bluetooth over the ear, Active Noise Cancellation Headset</li> <li>- OS MS Windows 11 or higher</li> </ul>	Equipment	Evaluation of Brochure with picture and/or data sheet	<ul style="list-style-type: none"> <li>- Checking of specification and quantity (offered vs. actual)</li> <li>- Check package completeness</li> <li>- Functionality test</li> <li>- 24 hr burn-in test</li> </ul>	Yes



Lot No.	Lot	Code	Item	Agency Specification	Classification	Test Procedure (Post Evaluation)	Test Procedure (Inspection and Acceptance)	English Manual
15	Computers, Tablets and Handheld Devices	15-004	Desktop Computer for Productivity Application	<ul style="list-style-type: none"> <li>- OS: Windows 11 or higher</li> <li>- Core I5 11th Gen or higher</li> <li>- 8GB DDR4 or faster</li> <li>- 1TB HDD, 2GB dedicated graphics</li> <li>- 220VAC 60Hz compliant</li> <li>- 21.5 inch monitor FHD</li> <li>- With Mouse</li> <li>- With MS Office</li> </ul>	Equipment		<ul style="list-style-type: none"> <li>- Checking of specification and quantity (offered vs. actual)</li> <li>- Check package completeness</li> <li>- Functionality test</li> <li>- 24 hr burn-in test</li> </ul>	Yes
15	Computers, Tablets and Handheld Devices	15-005	Android Tablet	<ul style="list-style-type: none"> <li>- Operating System: Android 12 or newer</li> <li>- Processor Snapdragon 8 Gen 1, Octa-core or higher</li> <li>- Display: 11-13 inches, up to 120Hz, at least 1600 x 2560 pixels, Corning Gorilla Glass 5, 500 nits min</li> <li>- Storage: 256GB or higher with external memory provision upto 1TB or higher</li> <li>- Main Camera (Back): Dual 13MP, f/2.4 (wide) and 8MP, f/2.2 (Ultrawide) or higher</li> <li>- Video recording: 4K video @30fps/60fps, 1080p @30fps or better</li> <li>- Speaker: 4 Speakers</li> <li>- Pen Support: Yes</li> <li>- Connectivity: USB-C, WiFi 6E, Bluetooth 5.2 or higher</li> </ul> <p>Features:</p> <ul style="list-style-type: none"> <li>- can be used as 2nd monitor for windows</li> <li>- available service center nationwide</li> </ul> <p>Includes:</p> <ul style="list-style-type: none"> <li>- Folio cover with keyboard (same brand as the tablet)</li> <li>- Rechargeable pen (same brand as the tablet)</li> <li>- Travel adapter 220VAC 60Hz with charging cable (same brand as the tablet)</li> </ul>	Equipment	Evaluation of Brochure with picture and/or data sheet	<ul style="list-style-type: none"> <li>- Checking of specification and quantity (offered vs. actual)</li> <li>- Check package completeness</li> <li>- Functionality test</li> <li>- 24 hr burn-in test</li> </ul>	Yes

Lot No.	Lot	Code	Item	Agency Specification	Classification	Test Procedure (Post Evaluation)	Test Procedure (Inspection and Acceptance)	English Manual
15	Computers, Tablets and Handheld Devices	15-006	Laptop for productivity applications	<ul style="list-style-type: none"> <li>- OS: Windows 11 Pro or higher</li> <li>- I5 11th Generation or higher</li> <li>- 8GB 2400MHz DDR4 or faster</li> <li>- Dual Storage: 256GB SSD + 1TB HDD</li> <li>- 14~16" IPS or better</li> <li>- Full HD or higher resolution</li> <li>- Connectivity: Gb Lan port, WiFi and Bluetooth</li> <li>- At least two (2) USB 3.0 Port</li> </ul> <p>Includes</p> <ul style="list-style-type: none"> <li>- Mouse</li> <li>- MS Office most recent version</li> <li>- Autovolt AC adaptor/charger</li> </ul>	Equipment		<ul style="list-style-type: none"> <li>- Checking of specification and quantity (offered vs. actual)</li> <li>- Check package completeness</li> <li>- Functionality test</li> <li>- 24 hr burn-in test</li> </ul>	Yes
15	Computers, Tablets and Handheld Devices	15-007	A3 Inkjet Printer	<ul style="list-style-type: none"> <li>• print, scan, copy, fax</li> <li>• wide format inkjet printer</li> <li>• Tank type ink system</li> <li>• 1200 x 4800 dpi print resolution</li> <li>• print width 291mm, 297mm (borderless)</li> <li>• 250 sheets input tray</li> <li>• 100 sheets output tray</li> <li>• LAN and WiFi Connectivity</li> <li>• Supports mobile device direct print and full duplex printing</li> </ul>	Equipment	Evaluation of Brochure with picture and/or data sheet	<ul style="list-style-type: none"> <li>- Checking of specification and quantity (offered vs. actual)</li> <li>- Check package completeness</li> <li>- Functionality test</li> </ul>	Yes
15	Computers, Tablets and Handheld Devices	15-008	A4 Inkjet Printer	<ul style="list-style-type: none"> <li>• With Print, Scan, Copy, Fax features</li> <li>• Tank type ink system</li> <li>• Supports A4 and Legal Paper sizes</li> <li>• Approximately 15 page per minute (Black)</li> <li>• Can scan documents over network environment</li> <li>• Photo Quality</li> <li>• WiFi Connectivity</li> <li>• Support full duplex printing</li> </ul>	Equipment		<ul style="list-style-type: none"> <li>- Checking of specification and quantity (offered vs. actual)</li> <li>- Check package completeness</li> <li>- Functionality test</li> </ul>	Yes

Lot No.	Lot	Code	Item	Agency Specification	Classification	Test Procedure (Post Evaluation)	Test Procedure (Inspection and Acceptance)	English Manual
15	Computers, Tablets and Handheld Devices	15-009	Wireless router	Dual band 2.4 and 5 GHz Networks Standard: 802.11b, 802.11a, 802.11n, 802.11ac, 802.11gi 3000-7200 Mbps 6 x Gigabit Ethernet LAN Ports 1 x Gigabit Ethernet WAN Port 2 x USB 3.0 Ports Google Assistant Integration Amazon Alexa Integration -Adaptor/Charger 220 - 240v 60Hz	Equipment	Evaluation of Brochure with picture and/or data sheet	<ul style="list-style-type: none"> <li>- Checking of specification and quantity (offered vs. actual)</li> <li>- Check package completeness</li> <li>- Functionality test</li> <li>- 24 hr burn-in test</li> </ul>	N/A

**I hereby certify that the statement of compliance to the foregoing technical specifications are true and correct, otherwise, if found to be false either during bid evaluation or post-qualification, the same shall give rise to automatic disqualification of our bid.**

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Date

# Technical Specifications

**Lot 16**

**: Photography and Videography**

No.	Item	Minimum Agency Specifications Unless Otherwise Specified	Qty	Unit	Statement of Compliance*	Make Brand / Model	Reference
1	Digital Mirrorless Camera with Video	Kindly refer to the technical specifications attached as Annex D16.	7	set			
2	Drone Camera		7	set			
3	Action Camera		10	set			
4	Video Switcher/Mixer		7	set			
5	4K Video Capture Device		7	unit			
6	Studio Lights		22	set			

\* 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.

All tools, equipment, gadgets and electrically operated instruments should have Standard Manufacturers Manual and/or Datasheet/Specification Sheet/Brochure as indicated in Annex D16.

Instruction Manual is an instructional book or booklet that is supplied with almost all technologically advanced products such as electrical products.

Datasheet/Specification Sheet/Brochure is a document that summarizes the performance and other characteristics of a product, machine, component that comes along with the product from its release from the manufacturer.

I hereby certify that the statement of compliance to the foregoing technical specifications are true and correct, otherwise, if found to be false either during bid evaluation or post-qualification, the same shall give rise to automatic disqualification of our bid.

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Lot No.	Lot	Code	Item	Agency Specification	Classification	Test Procedure (Post Evaluation)	Test Procedure (Inspection and Acceptance)	English Manual
16	Photography and Videography	16-001	Digital Mirrorless Camera with Video	Refer to Technical Specification of Item Code 16-001	Equipment		<ul style="list-style-type: none"> <li>- Checking of specification and quantity (offered vs. actual)</li> <li>- Check package completeness</li> <li>- Functionality test</li> </ul>	Yes
16	Photography and Videography	16-002	Drone Camera	<ul style="list-style-type: none"> <li>- Flight time: Approximately Max. 40 minutes or longer (no wind)</li> <li>- Foldable propellers</li> <li>- Flight distance: 30 KM or farther</li> <li>- Video resolution: 4K or higher</li> <li>- Camera sensor: 4/3 CMOS, Effective pixel 20MPs</li> <li>- 3 Axis Gimbal</li> <li>- ISO Range: 100-6400 for video and still</li> <li>- Internal storage: Approximately 8GB</li> <li>- Supported format: (video) MP4/MOV (photo) JPEG/DNG (raw)</li> <li>- Live view quality: 1080p @ 30fps and 60fps</li> </ul> <p>In the Box</p> <ul style="list-style-type: none"> <li>- x1 Aircraft Body</li> <li>- x1 Remote Controller with connector for android and iphone</li> <li>- x3 Intelligent Flight Battery</li> <li>- x1 Charger</li> <li>- x1 Battery Charging Hub</li> <li>- x6 Propellers (Pair)</li> <li>- x1 USB Cable</li> <li>- x1 Carrying Case</li> </ul> <p>Accessories</p> <ul style="list-style-type: none"> <li>- x2 Memory Card 128GB</li> <li>- x1 Wide angle lens 108° FOV</li> </ul> <p>Additional Requirements: Certificate of authority to sell from the manufacturer or local distributor/reseller Certificate of End of Life (EOL) Service from Manufacturer (5 years)</p>	Equipment	Evaluation of Brochure with picture and/or data sheet and training proposal	<ul style="list-style-type: none"> <li>- Checking of specification and quantity (offered vs. actual)</li> <li>- Check package completeness</li> <li>- Functionality test</li> </ul>	Yes

Lot No.	Lot	Code	Item	Agency Specification	Classification	Test Procedure (Post Evaluation)	Test Procedure (Inspection and Acceptance)	English Manual
16	Photography and Videography	16-003	Action Camera	<ul style="list-style-type: none"> <li>- CMOS Sensor, 27MP effective resolution or higher</li> <li>- 24.4 Focal length or higher</li> <li>- Single card slot mSD 256GB max V30 or faster</li> <li>- 5312 x 2988 at 60fps video format or higher</li> <li>- with image digital stabilization</li> <li>- Supports photo and video</li> <li>- with built-in mic, speaker, flash and wifi</li> <li>- waterproof up to 10 meters</li> <li>- USB Type C input and headphone jack</li> </ul> <p>Includes</p> <ul style="list-style-type: none"> <li>- x1 set data cable(s)</li> <li>- x1 Hand grip</li> <li>- x1 Light mod</li> <li>- x1 Media mod</li> <li>- x1 battery</li> </ul> <p>Accessories:</p> <ul style="list-style-type: none"> <li>- x1 dual battery charger</li> <li>- 3 extra battery</li> <li>- Case</li> </ul>	Equipment	Evaluation of Brochure with picture and/or data sheet and training proposal	<ul style="list-style-type: none"> <li>- Checking of specification and quantity (offered vs. actual)</li> <li>- Check package completeness</li> <li>- Functionality test</li> </ul>	Yes

Lot No.	Lot	Code	Item	Agency Specification	Classification	Test Procedure (Post Evaluation)	Test Procedure (Inspection and Acceptance)	English Manual
16	Photography and Videography	16-004	Video Switcher/Mixer	<ul style="list-style-type: none"> <li>- 4 HDMI and 2 microphone inputs or more</li> <li>- Support 4K and 6K or higher</li> <li>- Can be connected to computer for better control</li> <li>- With video effects and color balance feature</li> <li>- Records directly to USB devices</li> </ul> <p>Includes:</p> <ul style="list-style-type: none"> <li>- Software</li> <li>- Connecting Cables</li> <li>- Power supply</li> </ul>	Equipment	Evaluation of Brochure with picture and/or data sheet and training proposal	<ul style="list-style-type: none"> <li>- Checking of specification and quantity (offered vs. actual)</li> <li>- Check package completeness</li> <li>- Functionality test</li> </ul>	Yes
16	Photography and Videography	16-005	4K Video Capture Device	<ul style="list-style-type: none"> <li>- 1x HDMI input</li> <li>- 1X HDMI Output for Monitor</li> <li>- 1x USB-C Output for digital recording</li> <li>- 2 Audio Inputs</li> <li>- Audio Output</li> </ul>	Equipment		<ul style="list-style-type: none"> <li>- Checking of specification and quantity (offered vs. actual)</li> <li>- Check package completeness</li> <li>- Functionality test</li> </ul>	Yes
16	Photography and Videography	16-006	Studio Lights	<ul style="list-style-type: none"> <li>-18 inches</li> <li>- 3200K-5500K Color temperature with adjustable (brightness 0-100%)</li> <li>- Multi-angle adjustment</li> </ul> <p>Includes:</p> <ul style="list-style-type: none"> <li>- Power Adaptor 220VAC 60Hz</li> <li>- Adjustable tripod: min. height 4 feet, max. height 7 ft</li> <li>- Remote control</li> </ul>	Equipment		<ul style="list-style-type: none"> <li>- Checking of specification and quantity (offered vs. actual)</li> <li>- Check package completeness</li> <li>- Functionality test</li> </ul>	Yes

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Date

## TECHNICAL SPECIFICATION

<b>Name of The Learning System</b>	<b>Mirrorless Digital Camera with Video</b>
<b>Item Code</b>	16-001
<b>Technology Area(s)</b>	Photography and Videography

### **Mirrorless Camera (1 unit)**

#### **Specification**

- 45MP Full-Frame CMOS Sensor
- 8K - 8192 x 4320 video resolution
- Sensor-Shift 5-Axis Image Stabilization
- 12 fps Mech. Shutter, 20 fps E. Shutter
- Dual Pixel CMOS AF II with 1053 Points
- 3.2" Vari-Angle Touchscreen LCD
- 5760k dot Electronic viewfinder
- Weather Sealed Body
- Dual memory slot
- Movie format: MP4
- Image format: JPG, RAW
- Terminal: USB type C, Microphone, Headphone, Video terminal
- Image stabilizer: 5 axis in-body both for stills and video

#### **Accessories (1 set per body)**

- Battery (3 sets, 1 standard accessory plus 2 backup battery)
- Battery grip with wireless file transmitter
- High speed memory card with at least 128GB capacity (3pcs)
- AC power adapter/battery charger
- Cable to connect camera to computer
- Cable to connect camera to display device/monitor
- Hot-shoe mounted microphone with noise filter
- Headphone
- Wireless remote control
- Shoulder strap
- Hot shoe cover
- Utility software
- Owner's manual

### **Lenses (1 set per lens)**

- Prime lens#1
  - 50mm, aperture f1.2~f1.8
  - includes:*
    - Lens hood
    - UV and skylight filter
    - Polarizing filter
    - Protective gear/bag



- Prime lens#2
  - 85mm, aperture f1.2~f1.8
    - includes:*
      - Lens hood
      - UV and skylight filter
      - Polarizing filter
      - Protective gear/bag
  
- Standard zoom lens#1
  - Focal length 24mm-70mm
  - aperture range of f2.8~f22
    - includes:*
      - Lens hood
      - UV and skylight filter
      - Polarizing filter
      - Neutral density filter
      - Protective gear/bag
  
- Standard zoom lens#2
  - Focal length 28mm-300mm or equivalent, wherein the equivalence should be within the focal range indicated (example 35mm~100mm)
  - aperture range of f3.5~f5.6
    - includes:*
      - Lens hood
      - UV and skylight filter
      - Polarizing filter
      - Neutral density filter
      - Protective gear/bag
  
- Ultra-wide zoom
  - Focal length 11mm-24 mm or equivalent, wherein the equivalence should not be greater than 135 mm (example 50mm~135mm)
  - aperture f4
    - includes:*
      - Lens hood
      - UV and skylight filter
      - Polarizing filter
      - Neutral density filter
      - Protective gear/bag

#### **High-speed Flash (1 set)**

- Hot-shoe mount
- TTL
- Can be tilted and can rotated
- Wireless Master/Slave TTL functionality
- Supports high-speed flash sync and multi-flash lighting
- Zoom range 24-105mm
- Weather resistant
- Runs on AA batteries

**Flash accessories**

- Rechargeable battery (2 sets per flash, total number of batteries depends on the number of batteries required by the flash)
- Smart battery charger at least 4 simultaneous charging (4pcs)
- Color filter with honeycomb and barndoor (1 set per flash)

**Note:**

- *Lenses compatible with the mirrorless camera*
- *Lenses with focal lengths 100mm and above requires image stabilization, unless camera body has a built-in image stabilization feature*
- *Lenses and flash should be of the same brand with the body*

**Camera Tripod (1 pc)**

- Aluminum
- Height: 1.5-2 ft (folded), 4-6 ft (extended)
- Quick release flip-lock legs
- Ball head with easy locking mechanism
- Supports low angle photography (inverted camera set-up)
- Supports 22 kg load
- No load weight: 1~1.5kg
- Rubber/no-slip footing
- Includes tripod bag

**Hardcase (1 pc)**

- ABS Plastic
- Waterproof
- Trolley type
- With foam divider
- With key lock/padlock
- Can contain 1 set of camera body, lenses and accessories

**Additional Requirements:**

- Certificate of authority to sell from the manufacturer or local distributor/reseller  
Certificate of End of Life (EOL) Service from Manufacturer (5 years)

**I hereby certify that the statement of compliance to the foregoing technical specifications are true and correct, otherwise, if found to be false either during bid evaluation or post-qualification, the same shall give rise to automatic disqualification of our bid.**

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**Name of Company/Bidder**

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**Signature over Printed Name of  
Authorized Representative**

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**Date**

# Technical Specifications

**Lot 17 : Video Editing Equipment**

No.	Item	Minimum Agency Specifications Unless Otherwise Specified	Qty	Unit	Statement of Compliance*	Make Brand / Model	Reference
1	Desktop Computer for Photo and Video Editing	Kindly refer to the technical specifications attached as <b>Annex D17.</b>	11	set			
2	Tablet for illustration and light video editing		30	set			

\* 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.

All tools, equipment, gadgets and electrically operated instruments should have Standard Manufacturers Manual and/or Datasheet/Specification Sheet/Brochure as indicated in Annex D17.

Instruction Manual is an instructional book or booklet that is supplied with almost all technologically advanced products such as electrical products.

Datasheet/Specification Sheet/Brochure is a document that summarizes the performance and other characteristics of a product, machine, component that comes along with the product from its release from the manufacturer.

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Lot No.	Lot	Code	Item	Agency Specification	Classification	Test Procedure (Post Evaluation)	Test Procedure (Inspection and Acceptance)	English Manual
17	Video Editing Equipment	17-001	Desktop Computer for Photo and Video Editing	<ul style="list-style-type: none"> <li>- M2 Chip or higher</li> <li>- IOS newest version</li> <li>- 8-core CPU</li> <li>- 10-core GPU or higher</li> <li>- 2TB storage or higher</li> <li>- 24-inch 4.5K Retina Display or better</li> <li>- 16GB memory or higher</li> <li>- Wireless and wired ethernet</li> <li>- 220VAC 60Hz compliant</li> </ul> <p>Includes:</p> <ul style="list-style-type: none"> <li>- Final Cut Pro</li> <li>- Logic Pro</li> <li>- Magic keyboard with touch ID</li> <li>- Magic mouse</li> </ul> <p>Additional Requirements:            Certificate of authority to sell from the manufacturer or local distributor/reseller            Certificate of End of Life (EOL) Service from Manufacturer (5 years)</p>	Equipment	Evaluation of Brochure with picture and/or data sheet and training proposal	<ul style="list-style-type: none"> <li>- Checking of specification and quantity (offered vs. actual)</li> <li>- Check package completeness</li> <li>- Functionality test</li> <li>- 24 hr burn-in test</li> </ul>	Yes

Lot No.	Lot	Code	Item	Agency Specification	Classification	Test Procedure (Post Evaluation)	Test Procedure (Inspection and Acceptance)	English Manual
17	Video Editing Equipment	17-002	Tablet for illustration and light video editing	<ul style="list-style-type: none"> <li>- M2 chipset or higher</li> <li>- Wifi + Cellular</li> <li>- 512GB or higher</li> <li>- 12.9-inch, retina display or better</li> <li>- ProMotion technology</li> </ul> <p>Includes:</p> <ul style="list-style-type: none"> <li>- Additional 1 year manufacturer's extended warranty</li> <li>- Case and keyboard of the same brand</li> <li>- Electronic pencil of the same brand</li> <li>- Power supply</li> </ul> <p>Additional Requirements:</p> <ul style="list-style-type: none"> <li>Certificate of authority to sell from the manufacturer or local distributor/reseller</li> <li>Certificate of End of Life (EOL) Service from Manufacturer (5 years)</li> </ul>	Equipment	Evaluation of Brochure with picture and/or data sheet and training proposal	<ul style="list-style-type: none"> <li>- Checking of specification and quantity (offered vs. actual)</li> <li>- Check package completeness</li> <li>- Functionality test</li> <li>- 24 hr burn-in test</li> </ul>	Yes

**I hereby certify that the statement of compliance to the foregoing technical specifications are true and correct, otherwise, if found to be false either during bid evaluation or post-qualification, the same shall give rise to automatic disqualification of our bid.**

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Date

# Technical Specifications

**Lot 18**

**: Teaching and presentation equipment**

No.	Item	Minimum Agency Specifications Unless Otherwise Specified	Qty	Unit	Statement of Compliance*	Make Brand / Model	Reference
1	AI Camera	Kindly refer to the technical specifications attached as Annex D18.	11	set			
2	LED Wall		6	set			
3	Short Throw Projector		4	set			
4	Interactive SMART TV		19	set			
5	Opaque Camera		7	set			
6	Smart TV, 55-inch		26	set			

\* 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.

All tools, equipment, gadgets and electrically operated instruments should have Standard Manufacturers Manual and/or Datasheet/Specification Sheet/Brochure as indicated in Annex D18.

Instruction Manual is an instructional book or booklet that is supplied with almost all technologically advanced products such as electrical products.

Datasheet/Specification Sheet/Brochure is a document that summarizes the performance and other characteristics of a product, machine, component that comes along with the product from its release from the manufacturer.

I hereby certify that the statement of compliance to the foregoing technical specifications are true and correct, otherwise, if found to be false either during bid evaluation or post-qualification, the same shall give rise to automatic disqualification of our bid.

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Date

Lot No.	Lot	Code	Item	Agency Specification	Classification	Test Procedure (Post Evaluation)	Test Procedure (Inspection and Acceptance)	English Manual
18	Teaching and presentation equipment	18-001	AI Camera	<ul style="list-style-type: none"> <li>- Video resolution: 1080p @60pfs and 4K@30pfs, or higher</li> <li>- Video Format: h.264, MJPEG</li> <li>- ISO: 100-300</li> <li>- Aperture: 1.8 +/- 5%</li> <li>- HDR: Yes</li> <li>- AI Tracking: Yes</li> <li>- Autofocus: Yes</li> <li>- Audio: Dual noise cancelling microphones</li> <li>- Connectivity: USB C</li> <li>- Mounting: tripod and monitor</li> <li>- OS Compatibility: Windows and OS</li> <li>- Gesture control: Yes</li> </ul> <p>Accessories:</p> <ul style="list-style-type: none"> <li>- 1 set mounting adaptor/clip for tripod and computer monitor</li> <li>- Connecting cables</li> </ul> <p>*Includes Certificate of End of Life (EOL) Service from Manufacturer (5 years)</p>	Equipment	Evaluation of Brochure with picture and/or data sheet	<ul style="list-style-type: none"> <li>- Checking of specification and quantity (offered vs. actual)</li> <li>- Check package completeness</li> <li>- Functionality test</li> </ul>	Yes

Lot No.	Lot	Code	Item	Agency Specification	Classification	Test Procedure (Post Evaluation)	Test Procedure (Inspection and Acceptance)	English Manual
18	Teaching and presentation equipment	18-002	LED Wall	<ul style="list-style-type: none"> <li>- Indoor SMD LED Display P2.5 or better</li> <li>- Wall size: (2 (h) x 8 (w) meters)</li> <li>- Front Access Service/Maintenance</li> <li>- Built-in power supply</li> <li>- 2 years warranty</li> </ul> <p>Includes:</p> <ul style="list-style-type: none"> <li>- Laptop</li> <li>- Video processor</li> <li>- Frame, bracket and installation</li> <li>- Training</li> </ul> <p>Additional Requirements: Certificate of authority to sell from the manufacturer or local distributor/reseller Certificate of End of Life (EOL) Service from Manufacturer (5 years)</p>	Equipment	Evaluation of Brochure with picture and/or data sheet	<ul style="list-style-type: none"> <li>- Checking of specification and quantity (offered vs. actual)</li> <li>- Check package completeness</li> <li>- Functionality test</li> <li>- 24 hr burn-in test</li> </ul>	Yes
18	Teaching and presentation equipment	18-003	Short Throw Projector	<ul style="list-style-type: none"> <li>- 3500 lumens or higher</li> <li>- WXGA</li> <li>- Dual Screen interactivity</li> <li>- Support Wireless Mirroring</li> <li>- Input: RGB, HDMI, USB, LAN and HDMI</li> <li>- Video out</li> <li>- Power Supply: AC 100V-240V 60Hz</li> </ul> <p>Additional Requirements: Certificate of authority to sell from the manufacturer or local distributor/reseller Certificate of End of Life (EOL) Service from Manufacturer (5 years)</p>	Equipment		<ul style="list-style-type: none"> <li>- Checking of specification and quantity (offered vs. actual)</li> <li>- Check package completeness</li> <li>- Functionality test</li> </ul>	Yes



Lot No.	Lot	Code	Item	Agency Specification	Classification	Test Procedure (Post Evaluation)	Test Procedure (Inspection and Acceptance)	English Manual
18	Teaching and presentation equipment	18-004	Interactive SMART TV	<p>75" LED  Touchscreen  4K Ultra HD  Connectivity: Wi-Fi, LAN  3 HDMI Ports and USB  HDMI, Audio, Headphone output  200 PQI (Picture Quality Index), 3200 HDR (High Dynamic Range)  AC 110V-240V 50/60Hz  Includes Operation Manual, Remote Control, Base Stand with HDMI cable, 5 meters</p> <p>Additional Requirements:  Certificate of authority to sell from the manufacturer or local distributor/reseller  Certificate of End of Life (EOL) Service from Manufacturer (5 years)</p>	Equipment		<ul style="list-style-type: none"> <li>- Checking of specification and quantity (offered vs. actual)</li> <li>- Check package completeness</li> <li>- Functionality test</li> <li>- 24 hr burn-in test</li> </ul>	Yes
18	Teaching and presentation equipment	18-005	Opaque Camera	<p>Pixels: 2MP (1920 x 1080 pixels)  Camera Sensor: 1/2.7 inch CMOS Sensor  Resolution: Up to Full HD (1080p)  Frame rate: up to 30fps  Zoom: 10x Digital Zoom, 12x Optical Zoom  HDMI, USB, SD Card  100 - 240V AC (50/60 Hz)  Features:  - Split screen  - Record audio and video  - Built-in LED light  - One-touch control  Inclusion:  - USB Cable  - Computer Cable (VGA Cable)  - External AC Power Adapter  - Remote Control: Yes (with 2 AA Batteries)  - Microscope Adapter  - Software CD-ROM  - User Manual CD-ROM</p> <p>*Includes Certificate of End of Life (EOL) Service from Manufacturer (5 years)</p>	Equipment	Evaluation of Brochure with picture and/or data sheet	<ul style="list-style-type: none"> <li>- Checking of specification and quantity (offered vs. actual)</li> <li>- Check package completeness</li> <li>- Functionality test</li> </ul>	Yes

Lot No.	Lot	Code	Item	Agency Specification	Classification	Test Procedure (Post Evaluation)	Test Procedure (Inspection and Acceptance)	English Manual
18	Teaching and presentation equipment	18-006	Smart TV, 55-inch	55-inch QLED TV 4K Ultra HD Quantum 4 x HDMI 2.1 2 x USB ports Wi-Fi & Bluetooth AC 100-240V, 50/60hz With base stand  *Includes Certificate of End of Life (EOL) Service from Manufacturer (5 years)	Equipment	Evaluation of Brochure with picture and/or data sheet	- Checking of specification and quantity (offered vs. actual) - Check package completeness - Functionality test - 24 hr burn-in test	Yes

I hereby certify that the statement of compliance to the foregoing technical specifications are true and correct, otherwise, if found to be false either during bid evaluation or post-qualification, the same shall give rise to automatic disqualification of our bid.

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

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

\_\_\_\_\_  
Date

# Technical Specifications

**Lot 19 : Software Productivity**

No.	Item	Minimum Agency Specifications Unless Otherwise Specified	Qty	Unit	Statement of Compliance*	Make Brand / Model	Reference
1	Adobe Creative Cloud All Apps	Kindly refer to the technical specifications attached as Annex D19.	182	license			
2	Microsoft Office 365		159	license			

\* 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.

All tools, equipment, gadgets and electrically operated instruments should have Standard Manufacturers Manual and/or Datasheet/Specification Sheet/Brochure as indicated in Annex D19.

Instruction Manual is an instructional book or booklet that is supplied with almost all technologically advanced products such as electrical products.

Datasheet/Specification Sheet/Brochure is a document that summarizes the performance and other characteristics of a product, machine, component that comes along with the product from its release from the manufacturer.

I hereby certify that the statement of compliance to the foregoing technical specifications are true and correct, otherwise, if found to be false either during bid evaluation or post-qualification, the same shall give rise to automatic disqualification of our bid.

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

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

\_\_\_\_\_  
Date

# ANNEX D19

Lot No.	Lot	Code	Item	Agency Specification	Classification	Test Procedure (Post Evaluation)	Test Procedure (Inspection and Acceptance)	English Manual
19	Software: Productivity	19-001	Adobe Creative Cloud All Apps	<ul style="list-style-type: none"> <li>• OS: Multiple Platform</li> <li>• Language: Multi-Asian Language</li> <li>• Product Type: Team Licensing/Enterprise Licensing</li> <li>• Duration: 3 Years</li> <li>• Transferable license as managed by the institutions</li> <li>• Includes 2 weeks training on the use of different adobe products as applied in photo editing, video editing, illustration, graphic design and marketing materials</li> <li>• Includes 7 teachers license</li> <li>• Includes Certificate of authority to sell from the manufacturer or local distributor/reseller</li> </ul>	Software	Evaluation of Brochure with picture and/or data sheet and training proposal	<ul style="list-style-type: none"> <li>- Checking the conformity with the quantity</li> <li>- Checking the conformity of software vis-a-vis offered specifications</li> <li>- Functionality testing</li> </ul>	Yes
19	Software: Productivity	19-002	Microsoft Office 365	For Windows and MAC 2-6 users per license for 5-year subscription or equivalent Certificate of authority to sell from the manufacturer or local distributor/reseller	Software		<ul style="list-style-type: none"> <li>- Checking the conformity with the quantity</li> <li>- Checking the conformity of software vis-a-vis offered specifications</li> <li>- Functionality testing</li> </ul>	Yes

**I hereby certify that the statement of compliance to the foregoing technical specifications are true and correct, otherwise, if found to be false either during bid evaluation or post-qualification, the same shall give rise to automatic disqualification of our bid.**

\_\_\_\_\_  
Name of Company/Bllder

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

\_\_\_\_\_  
Date

# Technical Specifications

**Lot 20 : Network System**

No.	Item	Minimum Agency Specifications Unless Otherwise Specified	Qty	Unit	Statement of Compliance*	Make Brand / Model	Reference
1	Local Area Network Installation and Configuration - PTC-Urdaneta	Kindly refer to the technical specifications attached as Annex D20.	1	lot			
2	Local Area Network Installation and Configuration - ISAT		1	lot			
3	Local Area Network Installation and Configuration - RTC-Mariveles		1	lot			

\* 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.

All tools, equipment, gadgets and electrically operated instruments should have Standard Manufacturers Manual and/or Datasheet/Specification Sheet/Brochure as indicated in Annex D20.

Instruction Manual is an instructional book or booklet that is supplied with almost all technologically advanced products such as electrical products.

Datasheet/Specification Sheet/Brochure is a document that summarizes the performance and other characteristics of a product, machine, component that comes along with the product from its release from the manufacturer.

I hereby certify that the statement of compliance to the foregoing technical specifications are true and correct, otherwise, if found to be false either during bid evaluation or post-qualification, the same shall give rise to automatic disqualification of our bid.

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<b>Name of Company/Bidder</b>	<b>Signature over Printed Name of Authorized Representative</b>	<b>Date</b>
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## ANNEX D20

Lot No.	Lot	Code	Item	Agency Specification	Classification	Test Procedure (Post Evaluation)	Test Procedure (Inspection and Acceptance)	English Manual
20	Network System	20-001	Local Area Network Installation and Configuration - PTC-Urdaneta	Refer to Technical Specification of Item Code 20-001	Equipment	Evaluation of Brochure with picture and/or data sheet	- Checking the conformity with the quantity including parts and accessories - Checking the conformity of hardware vis-a-vis offered specifications - Functionality testing	Yes
20	Network System	20-002	Local Area Network Installation and Configuration - ISAT	Refer to Technical Specification of Item Code 20-001	Equipment		- Checking the conformity with the quantity including parts and accessories - Checking the conformity of hardware vis-a-vis offered specifications - Functionality testing	
20	Network System	20-003	Local Area Network Installation and Configuration - RTC-Mariveles	Refer to Technical Specification of Item Code 20-001	Equipment		- Checking the conformity with the quantity including parts and accessories - Checking the conformity of hardware vis-a-vis offered specifications - Functionality testing	Yes

**I hereby certify that the statement of compliance to the foregoing technical specifications are true and correct, otherwise, if found to be false either during bid evaluation or post-qualification, the same shall give rise to automatic disqualification of our bid.**

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

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

\_\_\_\_\_  
Date

## TECHNICAL SPECIFICATION

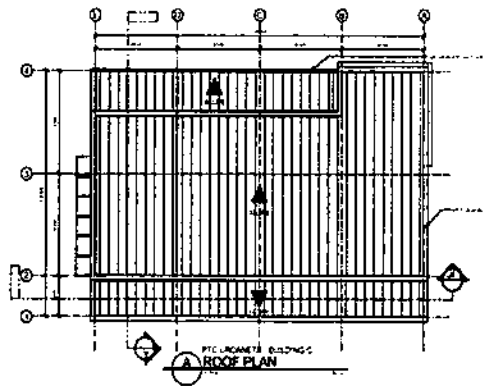
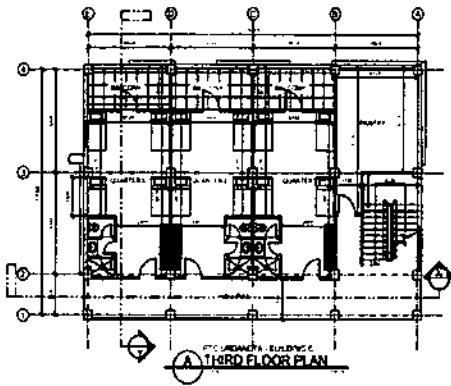
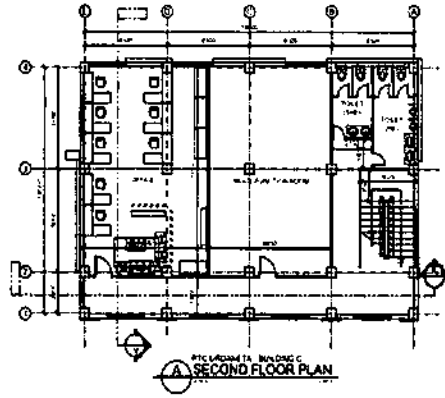
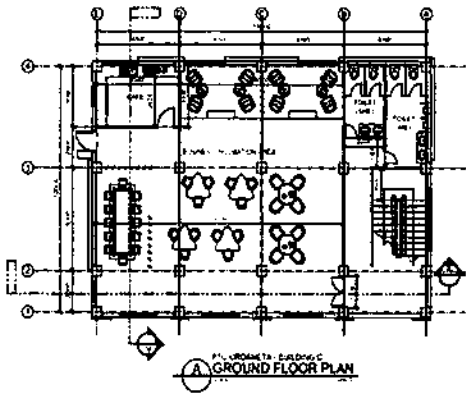
<b>Name of The Learning System</b>	<b>Local Area Network Installation and Configuration</b>
<b>Item Code</b>	20-001
<b>Technology Area(s)</b>	Network System

**SITE: PTC-Urdaneta, Anonas, Urdaneta City, Pangasinan**

- **Access Point**
  - 4x4 Wi-Fi 6 Access Point (5)
  - 3Y FC NBD Exch Instant ON AP SVC (5)
  - 48G 2XGT 2SFP+ Switch (5)
  
- **Switch**
  - 24G 2XGT 2SFP+ Switch (1)
  - 24G 2XGT 2SFP+ SVC (1)
  - Power Cord - U.S. localization (1)
  
- **Switch**
  - 48G 40p CL4 8p CL6 PoE 2XGT 2SFP+ 600W Switch (2)
  - 48G 2XGT 2SFP+ 600W SVC (2)
  - Power Cord – U.S. localization (2)
  
- **Switch**
  - 24G 20p CL4 4p CL6 PoE 2XGT 2SFP+ 370W Switch (1)
  - 24G 2XGT 2SFP+ 370W SVC (1)
  - Power Cord – U.S. localization (1)
  
- **Cable**
  - 10G SFP+ to SFP+ 1m DAC Cable (3)
  - 10G SFP+ to SFP+ 3m DAC Cable (1)

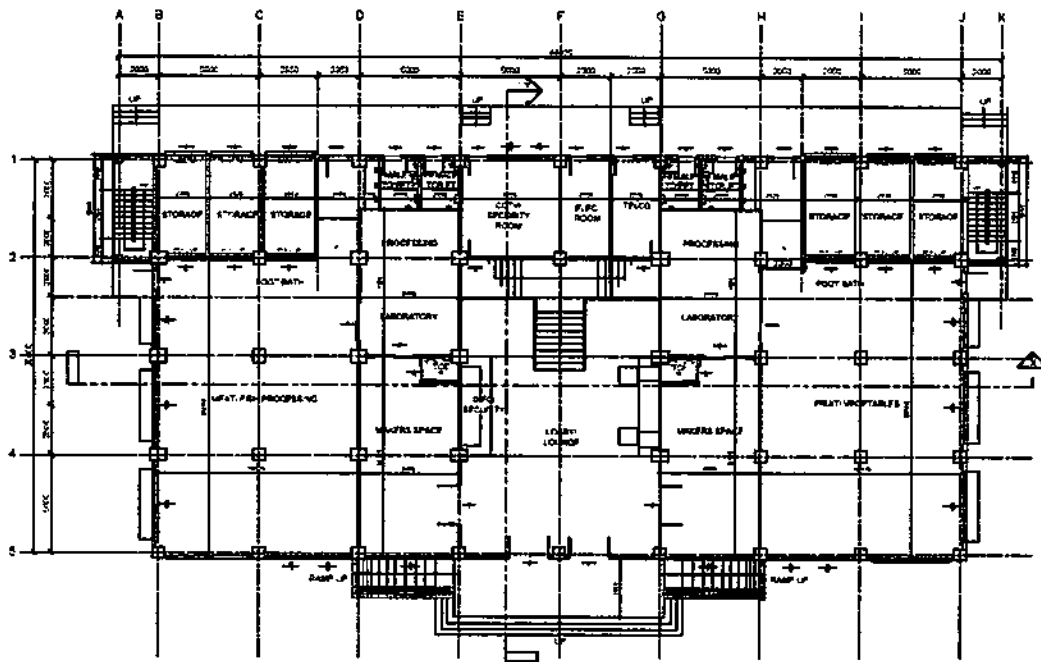




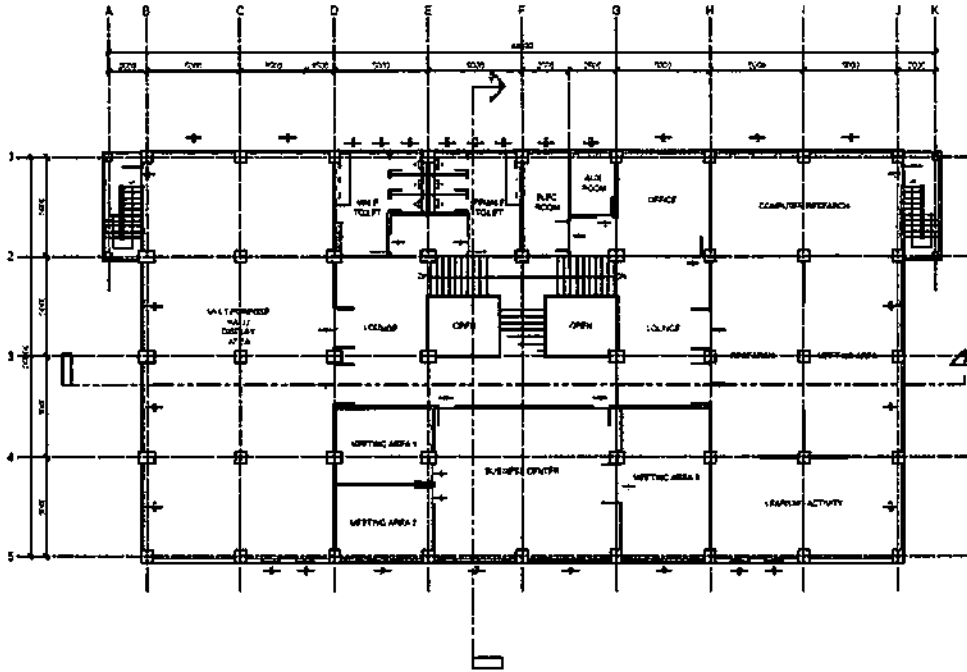


**SITE: Isabela School of Arts and Trades, Calamagui II, Ilagan City, Isabela**

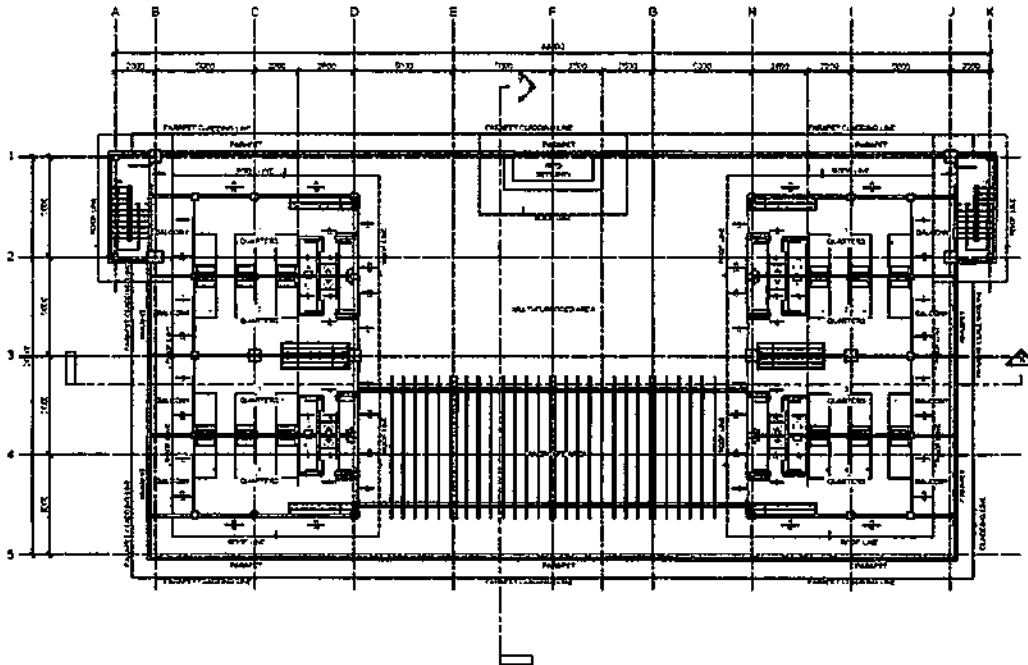
- **Access Point**
  - 4x4 Wi-Fi 6 Access Point (7)
  - 3Y FC NBD Exch Instant ON AP SVC (7)
  - 48G 2XGT 2SFP+ Switch (7)
  
- **Switch**
  - 48G 2XGT 2SFP+ Switch (1)
  - 48G 2XGT 2SFP+ SVC (1)
  - Power Cord - U.S. localization (1)
  
- **Switch**
  - 48G 40p CL4 8p CL6 PoE 2XGT 2SFP+ 600W Switch (1)
  - 48G 2XGT 2SFP+ 600W SVC (1)
  - Power Cord – U.S. localization (1)
  
- **Switch**
  - 24G 20p CL4 4p CL6 PoE 2XGT 2SFP+ 370W Switch (1)
  - 24G 2XGT 2SFP+ 370W SVC (1)
  - Power Cord – U.S. localization (1)
  
- **Cable**
  - 10G SFP+ to SFP+ 1m DAC Cable (2)
  - 10G SFP+ to SFP+ 3m DAC Cable (1)



TESDA INNOVATION CENTER - ISAT  
**A' GROUND FLOOR PLAN**  
 SCALE: 1:2000/13



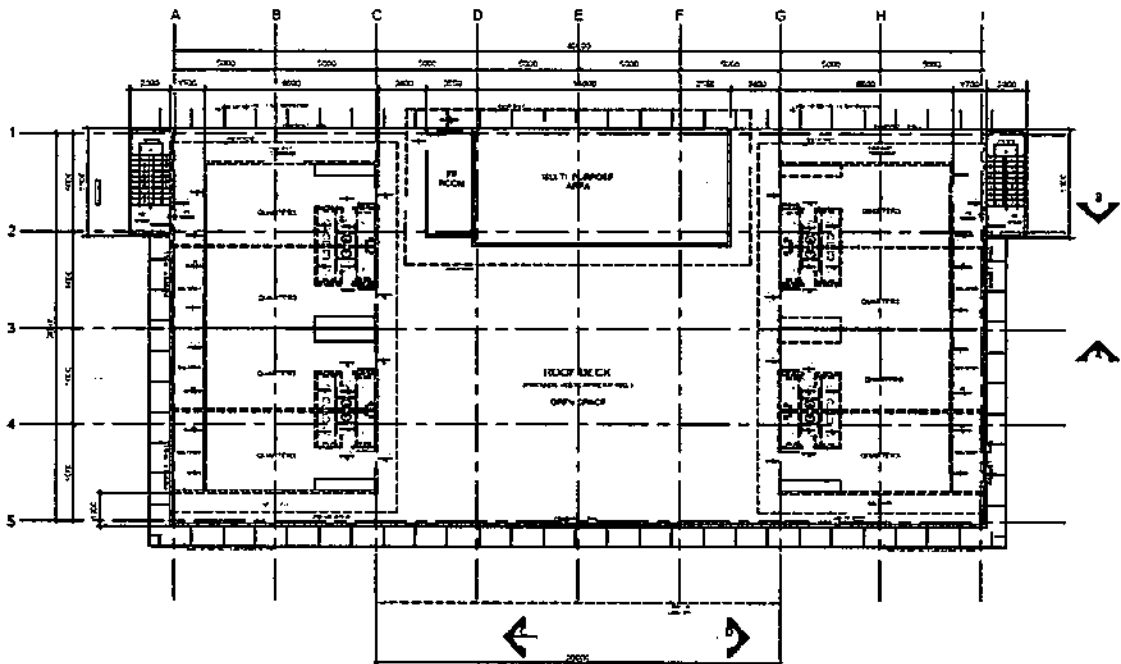
TESLA INNOVATION CENTER - ISAT  
**A** SECOND FLOOR PLAN  
 SCALE 1/32"=1'-0"



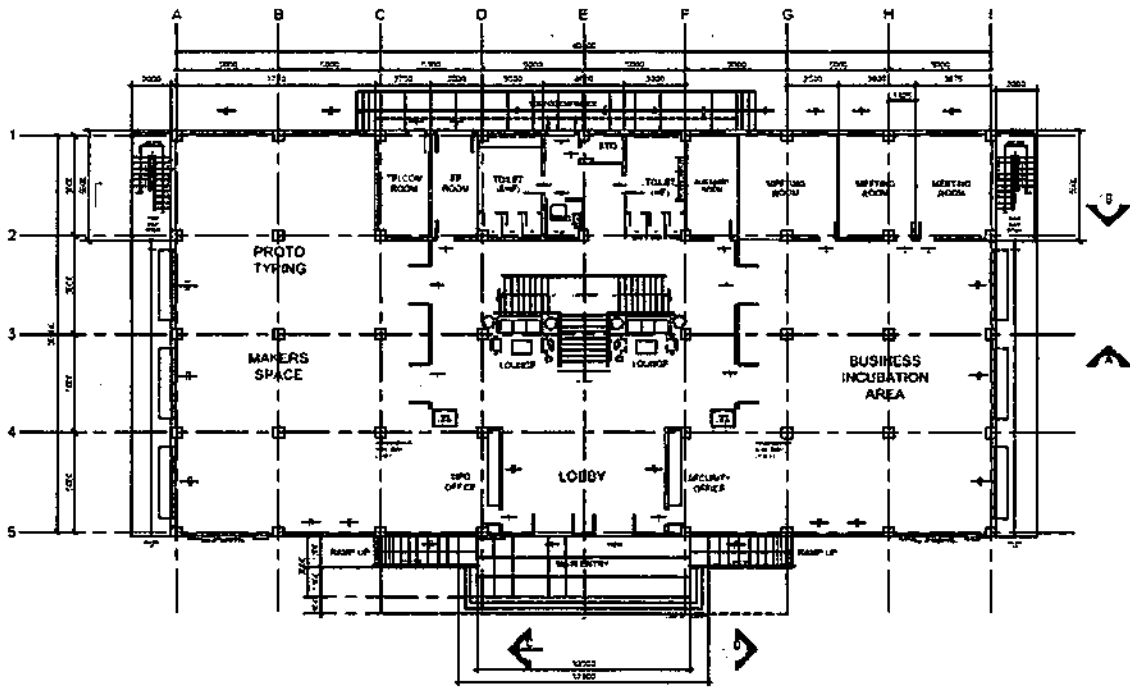
TESLA INNOVATION CENTER - ISAT  
**A** ROOF DECK PLAN  
 SCALE 1/32"=1'-0"

**SITE: RTC-Mariveles, Camaya, Mariveles, Bataan**

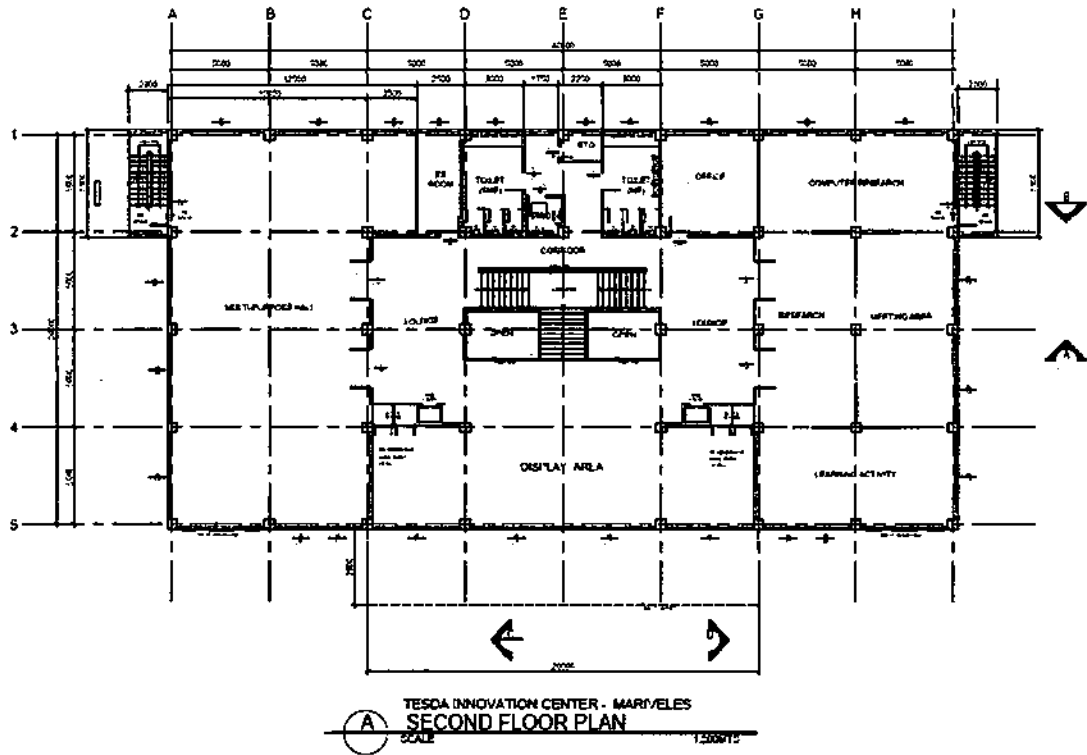
- **Access Point**
  - 4x4 Wi-Fi 6 Access Point (7)
  - 3Y FC NBD Exch Instant ON AP SVC (7)
  - 48G 2XGT 2SFP+ Switch (7)
- **Switch**
  - 48G 2XGT 2SFP+ Switch (1)
  - 48G 2XGT 2SFP+ SVC (1)
  - Power Cord - U.S. localization (1)
- **Switch**
  - 48G 40p CL4 8p CL6 PoE 2XGT 2SFP+ 600W Switch (1)
  - 48G 2XGT 2SFP+ 600W SVC (1)
  - Power Cord – U.S. localization (1)
- **Switch**
  - 24G 20p CL4 4p CL6 PoE 2XGT 2SFP+ 370W Switch (1)
  - 24G 2XGT 2SFP+ 370W SVC (1)
  - Power Cord – U.S. localization (1)
- **Cable**
  - 10G SFP+ to SFP+ 1m DAC Cable (2)
  - 10G SFP+ to SFP+ 3m DAC Cable (1)



TESDA INNOVATION CENTER - MARIVELES  
**ROOF DECK PLAN**  
 SCALE 1:200MTC



TESDA INNOVATION CENTER - MARIVELES  
**A GROUND FLOOR PLAN**  
 SCALE 1:200MMS



I hereby certify that the statement of compliance to the foregoing technical specifications are true and correct, otherwise, if found to be false either during bid evaluation or post-qualification, the same shall give rise to automatic disqualification of our bid.

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

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

\_\_\_\_\_  
Date

# Technical Specifications

**Lot 21 : Welding Equipment**

No.	Item	Minimum Agency Specifications Unless Otherwise Specified	Qty	Unit	Statement of Compliance*	Make Brand / Model	Reference
1	Air Compressor	Kindly refer to the technical specifications attached as Annex D21.	4	unit			
2	4-in-1 Welding Machine		1	unit			
3	Oxy-Acetylene Welding/Cutting Outfit		1	unit			
4	Full Industrial Oxygen Tank		1	set			
5	Industrial Acetylene Tank		1	pc			
6	Tool Chest Set		1	unit			

\* 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.

All tools, equipment, gadgets and electrically operated instruments should have Standard Manufacturers Manual and/or Datasheet/Specification Sheet/Brochure as indicated in Annex D22.

Instruction Manual is an instructional book or booklet that is supplied with almost all technologically advanced products such as electrical products.

Datasheet/Specification Sheet/Brochure is a document that summarizes the performance and other characteristics of a product, machine, component that comes along with the product from its release from the manufacturer.

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

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

\_\_\_\_\_  
Date

Lot No.	Lot	Code	Item	Agency Specification	Classification	Test Procedure (Post Evaluation)	Test Procedure (Inspection and Acceptance)	English Manual
21	Welding Equipment	21-001	Air Compressor	3Hp belt driven Motor: max. 115 psi/ 110 liters/ 2-3 piston Input voltage: 220V, 60Hz, 1Ph With English manual	Equipment	Evaluation of Brochure with picture and/or data sheet	- Checking the conformity with the quantity including parts and accessories - Checking the conformity of hardware vis-a-vis offered specifications - Functionality testing	Yes
21	Welding Equipment	21-002	4-in-1 Welding Machine	*Technology Transfer/Training *English Manual *AC/DC TIG, MIG & MMA *10mm max weld thickness on mild steel *Power: 7KVA/ 110-220V/ 50-60 Hz *Includes - Primary plug - 3 meter welding and earth cable - 4 meter MIG welding torch - 4 meter TIG welding torch - 2 Gas hoses - earth lead - MMA lead	Equipment		- Checking the conformity with the quantity including parts and accessories - Checking the conformity of hardware vis-a-vis offered specifications - Functionality testing	Yes
21	Welding Equipment	21-003	Oxy-Acetylene Welding/Cutting Outfit	• Handle mixer cutting attachment • Check valves • Cutting tip: No. 1 • Welding tips: No. 1, 3, 5 • Single stage oxygen regulator • Single stage fuel gas regulator  Accessories - 6m hose (4300591) - goggles (4304482) - Lighter (26s) - Flints (26l) - Tip cleaner - Cylinder key - 2 cylinders Acetylene Tank and - 4 cylinders Oxygen Tank • With hard case	Equipment		- Checking the conformity with the quantity including parts and accessories - Checking the conformity of hardware vis-a-vis offered specifications - Functionality testing	Yes



Lot No.	Lot	Code	Item	Agency Specification	Classification	Test Procedure (Post Evaluation)	Test Procedure (Inspection and Acceptance)	English Manual
21	Welding Equipment	21-004	Full Industrial Oxygen Tank	Refillable Cylinder 2 liter Aluminum With valve and regulator, QF-2A	Equipment	Evaluation of Brochure with picture and/or data sheet	- Checking the conformity with the quantity including parts and accessories - Checking the conformity of hardware vis-a-vis offered specifications - Functionality testing	Yes
21	Welding Equipment	21-005	Industrial Acetylene Tank	Refillable Fuel Cylinder, Size MC Rolled steel CGA 200 10 cu. ft. capacity	Equipment		- Checking the conformity with the quantity including parts and accessories - Checking the conformity of hardware vis-a-vis offered specifications - Functionality testing	Yes
21	Welding Equipment	21-006	Tool Chest Set	Refer to Technical Specification of Item Code 21-006	Equipment		- Checking the conformity with the quantity including parts and accessories - Checking the conformity of hardware vis-a-vis offered specifications - Functionality testing	Yes

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Name of Company/Bidder

\_\_\_\_\_  
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\_\_\_\_\_  
Date

## TECHNICAL SPECIFICATION

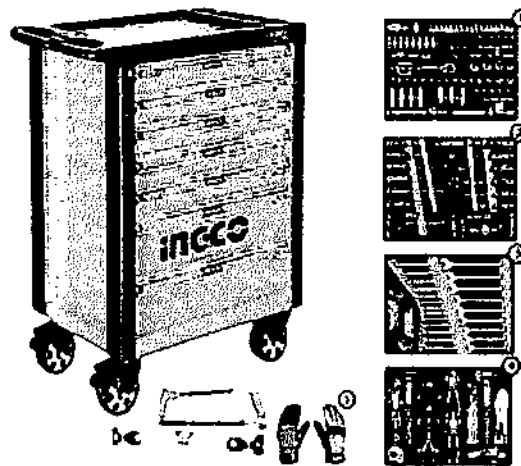
<b>Name of The Equipment</b>	<b>Tool Chest Set</b>
<b>Item Code</b>	21-006
<b>Technology Area(s)</b>	Welding Equipment

### Roller Cabinet with tools

- 7 drawers
- Metal
- Thickness of Cabinet: 0.8 - 1.0mm
- Thickness of drawer: 0.7mm
- Perforated side panels
- One lock control
- 4 Lockable casters, 5" x 2"
- 162 pcs tools
- Tools part:
  - Drawer 1
    - 1 pc Ratchet wrench: 1/4"
    - 13 pcs 1/4" socket 4-4.5-5-5.5-6-7-8-9-10-11-12-13-14
    - 17 pcs 1/4" x 32 (L) bits (Socket: Hex: 3-4-5-6mm, Star: T8-T10-T15-T20-T25-T30 , SL: 4-5.5-7mm, PH1, PH2, PZ1, PZ -28 pcs 1/4" DR 50mm (L) Deep socket: 6-7-8-9-10-11-12-13mm
    - 2 pcs Extension bar: 1/4"Dr. x 50mm, 1/4"Dr. x 100mm
    - 1 pc Spinner handle: 1/4"x150mm
    - 1 pc Extension flexible bar : 1/4" x 150mm
    - 1 pc 1/4"Universal joint
    - 1 pc Sliding "T" Bar: 1/4"x 114mm
    - 1 pc Ratchet wrench: 1/2"
    - 1 pc 1/2" Universal joint
    - 19 pcs 1/2" DR Socket: 8-10-11-12-13-14-15-16-17-18-19-20-21-22-23-24-27-30-32mm
    - 4 pcs 1/2" DR 77mm(L) Deep socket: 14-15-17-19mm
    - 5 pcs 1/2" Star Socket:E10 12 14 16
    - 202 pcs Spark plug socket: 1/2"Dr.16mm -21mm
    - 1 pc 1/2"\*250mm Sliding T bar
    - 2 pcs Extension bar: 1/2"Dr. x 125mm,1/2"Dr. x 250mm
  - Drawer 2
    - 14 pcs screwdriver: SL3\*75, SL4\*100, SL5.5\*100, SL6.5\*38, SL6.5\*125, SL6.5\*150, SL8\*200, PH0\*75, PH1\*75, PH1\*100, PH2\*38, PH2\*125, PH2\*150, PH3\*200
    - 4 pcs T-handle hex wrench: 3x100mm, 4x100mm, 5x150mm, 6x150mm
    - 1 pc Flashlight
  - Drawer 3
    - 17 pcs Combination spanner: 6-7-8-9-10-11-12-13-14-15-16-17-18-19-21-22-24
    - 5 pcs Flare nut Spanner: 8\*10, 10\*12, 11\*13, 12\*14, 17\*19
    - 9 pcs Hex Key Wrench: 1.5-2-2.5-3-4-5-6-8-10
    - 9 pcs Torx Key Wrench: T10-T15-T20-T25-T27-T30-T40-T45-T50

- Drawer 4
  - 1 pc 10" Curved jaw lock wrench
  - 1 pc 40mm Rubber and plastic hammer
  - 1 pc 10" Water pump pliers
  - 1 pc 8" Combination Pliers
  - 1 pc 6" Long nose pliers
  - 1 pc 7" Diagonal cutting pliers
  - 1 pc Utility knife
  - 4 pcs circlip pliers
  - 1 pc 300g Machinist Hammer
  - 1 pc 10" Adjustable wrench
  - 1 pc 5x19mm Steel measuring tape
  
- Drawer 5
  - 1 pc Spirit level (With powerful magnets)
  - 1 pc Hacksaw frame
  - 1 pc Mechanic gloves
  - 5 pcs iron hooks (for hanger tools)
  
- Drawer 6 and 7 (empty)

**Sample Image:**



*Picture for reference only*

**I hereby certify that the statement of compliance to the foregoing technical specifications are true and correct, otherwise, if found to be false either during bid evaluation or post-qualification, the same shall give rise to automatic disqualification of our bid.**

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

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

\_\_\_\_\_  
**Date**

# Technical Specifications

**Lot 22 : Refrigeration Equipment**

No.	Item	Minimum Agency Specifications Unless Otherwise Specified	Qty	Unit	Statement of Compliance*	Make Brand / Model	Reference
1	Reefer Container/ Transport Refrigeration Unit	Kindly refer to the technical specifications attached as <b>Annex D22.</b>	1	unit			

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Datasheet/Specification Sheet/Brochure is a document that summarizes the performance and other characteristics of a product, machine, component that comes along with the product from its release from the manufacturer.

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

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

\_\_\_\_\_  
Date

Lot No.	Lot	Code	Item	Agency Specification	Classification	Test Procedure (Post Evaluation)	Test Procedure (Inspection and Acceptance)	English Manual
24	Refrigeration Equipment	24-001	Reefer Container/ Transport Refrigeration Unit	Refrigerant: R290 Charge: 140g Max. Pressure: 26bar Rated Power: 1200W Supply Voltage: 24VDC Mod-Level: OA, OB, OC, OD, OE, OF, OG, OH Dimension: L8 x W4 x H 6	Equipment	Evaluation of Brochure with picture and/or data sheet and training proposal	- Checking the conformity with the quantity including parts and accessories - Checking the conformity of hardware vis-a-vis offered specifications - Functionality testing	Yes

**I hereby certify that the statement of compliance to the foregoing technical specifications are true and correct, otherwise, if found to be false either during bid evaluation or post-qualification, the same shall give rise to automatic disqualification of our bid.**

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

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

\_\_\_\_\_  
Date

## ***Section VIII. Checklist of Technical and Financial Documents***

# Checklist of Technical and Financial Documents

## I. TECHNICAL COMPONENT ENVELOPE

### ***Class "A" Documents***

#### Legal Documents

- (a) Valid PhilGEPS Registration Certificate (Platinum Membership) (all pages) in accordance with Section 8.5.2 of the IRR;

#### Technical Documents

- (b) Statement of the prospective bidder of all its ongoing government and private contracts, including contracts awarded but not yet started, if any, whether similar or not similar in nature and complexity to the contract to be bid; **and**
- (c) Statement of the bidder's Single Largest Completed Contract (SLCC) similar to the contract to be bid, except under conditions provided for in Sections 23.4.1.3 and 23.4.2.4 of the 2016 revised IRR of RA No. 9184, within the relevant period as provided in the Bidding Documents **and**
- (d) Original copy of Bid Security. If in the form of a Surety Bond, submit also a certification issued by the Insurance Commission;  
**or**  
Original copy of Notarized Bid Securing Declaration; **and**
- (e) Conformity with the Technical Specifications, which may include production/delivery schedule, manpower requirements, and/or after-sales/parts, if applicable; (*Sections VI and VII of the Bidding Documents*) **and**
- (f) Original duly signed Omnibus Sworn Statement (OSS); **and** if applicable, Original Notarized Secretary's Certificate in case of a corporation, partnership, or cooperative; or Original Special Power of Attorney of all members of the joint venture giving full power and authority to its officer to sign the OSS and do acts to represent the Bidder.

#### Financial Documents

- (g) The prospective bidder's computation of Net Financial Contracting Capacity (NFCC);  
**or**  
A committed Line of Credit from a Universal or Commercial Bank in lieu of its NFCC computation.

### ***Class "B" Documents***

- (h) If applicable, a duly signed joint venture agreement (JVA) in case the joint venture is already in existence;  
**or**  
duly notarized statements from all the potential joint venture partners stating that they will enter into and abide by the provisions of the JVA in the instance that the bid is successful.

**Other documentary requirements under RA No. 9184 (as applicable)**

- (i) ***[For foreign bidders claiming by reason of their country's extension of reciprocal rights to Filipinos]*** Certification from the relevant government office of their country stating that Filipinos are allowed to participate in government procurement activities for the same item or product.
- (j) Certification from the DTI if the Bidder claims preference as a Domestic Bidder or Domestic Entity.

**II. FINANCIAL COMPONENT ENVELOPE**

- (a) Original of duly signed and accomplished Financial Bid Form; **and**
- (b) Original of duly signed and accomplished Price Schedule(s).



**STATEMENT OF (i) ONGOING CONTRACTS (ii) AWARDED BUT NOT YET STARTED CONTRACTS**

This is to certify that \_\_\_\_\_ (company) \_\_\_\_\_ has the following ongoing and awarded but not yet started contracts:

<b>Contracting Party</b>	<b>Name of Contract</b>	<b>Date and Status of the Contract</b>	<b>Kind of Goods</b>	<b>Amount of Contract</b>	<b>Value of Outstanding Contracts</b>	<b>Date of Delivery</b>	<b>Purchase Order Number/s or Date of Contract/s</b>

\_\_\_\_\_  
Name and Signature of  
Authorized Representative

\_\_\_\_\_  
Date

**\*Instructions:**

- a) State all ongoing contracts including those awarded but not yet started (government and private contracts which may be similar or not similar to the project called for bidding) as of:
  - i. The day before the deadline of submission of bids.
- b) If there is no ongoing contract including awarded but not yet started as of the aforementioned period, state none or equivalent term.
- c) The total amount of the ongoing and awarded but not yet started contracts should be consistent with those used in the Net Financial Contracting Capacity (NFCC) in case an NFCC is submitted as an eligibility document.
- d) "Name of Contract". Indicate here the Nature/ Scope of the Contract for easier tracking of the entries/ representations

**STATEMENT OF SINGLE LARGEST COMPLETED CONTRACT SIMILAR TO THE CONTRACT TO BE BID**

*This is to certify that \_\_\_\_\_ (company) has the following completed contracts within five (5) years prior to the date of submission and receipt of bids, a contract similar to the Project*

Contracting Party	Name of Contract	Date of the Contract	Kind of Goods	Amount of Contract	Date of Delivery	Please submit any of the following attachment: a. Copy/ies of Contract/s or Purchase Order/s; <u>OR</u> b. Copy/ies of corresponding Sales Invoice/s; <u>OR</u> c. Copy/ies of Official Receipt/Cash Receipt/Collection Receipt; <u>OR</u> d. Certificate of Performance Evaluation

\_\_\_\_\_  
Name and Signature of  
Authorized Representative

\_\_\_\_\_  
Date

**\* Instructions:**

a) Cut-off date as of:

(i) Up to the day before the deadline of submission of bids.

b) In the column under "Dates" indicate the dates of Delivery/ End-user's Acceptance and Official Receipt.

c) "Name of Contract". Indicate here the Nature/ Scope of the Contract for the Procuring Entity to determine the relevance of the entry with the Procurement at hand.

## **Bid Securing Declaration Form**

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REPUBLIC OF THE PHILIPPINES)  
CITY OF \_\_\_\_\_) S.S.

### **BID SECURING DECLARATION** **Invitation to Bid: [Insert Reference number]**

To: *[Insert name and address of the Procuring Entity]*

I/We<sup>2</sup>, the undersigned, declare that:

1. I/We understand that, according to your conditions, bids must be supported by a Bid Security, which may be in the form of a Bid-Securing Declaration.
2. I/We accept that: (a) I/we will be automatically disqualified from bidding for any contract with any procuring entity for a period of two (2) years upon receipt of your Blacklisting order; and, (b) I/we will pay the applicable fine provided under Section 6 of the Guidelines on the Use of Bid Securing Declaration, within fifteen (15) days from receipt of the written demand by the procuring entity for the commission of acts resulting to the enforcement of the bid securing declaration under Sections 23.1(b), 34.2, 40.1 and 69.1, except 69.1(f), of the IRR of RA 9184; without prejudice to other legal action the government may undertake.
3. I/We understand that this Bid Securing Declaration shall cease to be valid on the following circumstances:
  - (a) Upon expiration of the bid validity period, or any extension thereof pursuant to your request;
  - (b) I am/we are declared ineligible or post-disqualified upon receipt of your notice to such effect, and (i) I/we failed to timely file a request for reconsideration or (ii) I/we filed a waiver to avail of said right;
  - (c) I am/we are declared the bidder with the Lowest Calculated Responsive Bid, and I/we have furnished the performance security and signed the Contract.

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<sup>2</sup> *Select one and delete the other. Adopt the same instruction for similar terms throughout the document.*

IN WITNESS WHEREOF, I/We have hereunto set my/our hand/s this \_\_\_\_ day of [month] [year] at [place of execution].

[Insert NAME OF BIDDER OR ITS AUTHORIZED REPRESENTATIVE]  
[Insert Signatory's Legal Capacity]  
Affiant

**SUBSCRIBED AND SWORN** to before me this \_\_\_\_ day of [month] [year] at [place of execution], Philippines. Affiant/s is/are personally known to me and was/were identified by me through competent evidence of identity as defined in the 2004 Rules on Notarial Practice (A.M. No. 02-8-13-SC). Affiant/s exhibited to me his/her [insert type of government identification card used], with his/her photograph and signature appearing thereon, with no. \_\_\_\_\_ and his/her Community Tax Certificate No. \_\_\_\_\_ issued on \_\_\_\_ at \_\_\_\_\_.

Witness my hand and seal this \_\_\_\_ day of [month] [year].

**NAME OF NOTARY PUBLIC**  
Serial No. of Commission \_\_\_\_\_  
Notary Public for \_\_\_\_\_ until \_\_\_\_\_  
Roll of Attorneys No. \_\_\_\_\_  
PTR No. \_\_\_\_\_ [date issued], [place issued]  
IBP No. \_\_\_\_\_ [date issued], [place issued]

Doc. No. \_\_\_\_\_  
Page No. \_\_\_\_\_  
Book No. \_\_\_\_\_  
Series of \_\_\_\_\_

\*The identification card shall be at least one of the acceptable proofs of identity as identified under the provisions of the 2014 Rules on Notarial Practice

"Sec. 12. Competent Evidence of Identity— The phrase "competent evidence of identity" refers to the identification of an individual based on:

At least one current identification document issued by an official agency bearing the photograph and signature of the individual, such as but not limited to, passport, driver license, Professional Regulations Commission ID, National Bureau of Investigation clearance, police clearance, postal ID, voter's ID, Barangay certification, Government Service and Insurance System (GSIS) e-card, Social Security System (SSS) card, Philhealth card, senior citizen card, Overseas Workers Welfare Administration (OWWA) ID, OFW ID, seaman's book, alien certificate of registration/immigrant certificate of registration, government office ID, certification from the National Council for the Welfare of Disabled Persons (NCWDP), Department of Social Welfare and Development (DSWD) certification:

The Board Resolution or Secretary's Certificate referring to the said Board Resolution designating the bidder's authorized representative and signatory need not specifically indicate the particular project where such authority is given provided that the said authority covers activities by TESDA.

## OMNIBUS SWORN STATEMENT (REVISED)

[shall be submitted with the Bid]

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REPUBLIC OF THE PHILIPPINES )  
CITY/MUNICIPALITY OF \_\_\_\_\_ ) S.S.

### AFFIDAVIT

I, [Name of Affiant], of legal age, [Civil Status], [Nationality], and residing at [Address of Affiant], after having been duly sworn in accordance with law, do hereby depose and state that:

1. *[Select one, delete the other:]*

*[If a sole proprietorship:]* I am the sole proprietor or authorized representative of [Name of Bidder] with office address at [address of Bidder];

*[If a partnership, corporation, cooperative, or joint venture:]* I am the duly authorized and designated representative of [Name of Bidder] with office address at [address of Bidder];

2. *[Select one, delete the other:]*

*[If a sole proprietorship:]* As the owner and sole proprietor, or authorized representative of [Name of Bidder], I have full power and authority to do, execute and perform any and all acts necessary to participate, submit the bid, and to sign and execute the ensuing contract for [Name of the Project] of the [Name of the Procuring Entity], as shown in the attached duly notarized Special Power of Attorney;

*[If a partnership, corporation, cooperative, or joint venture:]* I am granted full power and authority to do, execute and perform any and all acts necessary to participate, submit the bid, and to sign and execute the ensuing contract for [Name of the Project] of the [Name of the Procuring Entity], as shown in the attached [state title of attached document showing proof of authorization (e.g., duly notarized Secretary's Certificate, Board/Partnership Resolution, or Special Power of Attorney, whichever is applicable)];

3. [Name of Bidder] is not "blacklisted" or barred from bidding by the Government of the Philippines or any of its agencies, offices, corporations, or Local Government Units, foreign government/foreign or international financing institution whose blacklisting rules have been recognized by the Government Procurement Policy Board, **by itself or by relation, membership, association, affiliation, or controlling interest with another blacklisted person or entity as defined and provided for in the Uniform Guidelines on Blacklisting;**

4. Each of the documents submitted in satisfaction of the bidding requirements is an authentic copy of the original, complete, and all statements and information provided therein are true and correct;
5. [Name of Bidder] is authorizing the Head of the Procuring Entity or its duly authorized representative(s) to verify all the documents submitted;

6. *[Select one, delete the rest:]*

*[If a sole proprietorship:]* The owner or sole proprietor is not related to the Head of the Procuring Entity, members of the Bids and Awards Committee (BAC), the Technical Working Group, and the BAC Secretariat, the head of the Project Management Office or the end-user unit, and the project consultants by consanguinity or affinity up to the third civil degree;

*[If a partnership or cooperative:]* None of the officers and members of [Name of Bidder] is related to the Head of the Procuring Entity, members of the Bids and Awards Committee (BAC), the Technical Working Group, and the BAC Secretariat, the head of the Project Management Office or the end-user unit, and the project consultants by consanguinity or affinity up to the third civil degree;

*[If a corporation or joint venture:]* None of the officers, directors, and controlling stockholders of [Name of Bidder] is related to the Head of the Procuring Entity, members of the Bids and Awards Committee (BAC), the Technical Working Group, and the BAC Secretariat, the head of the Project Management Office or the end-user unit, and the project consultants by consanguinity or affinity up to the third civil degree;

7. [Name of Bidder] complies with existing labor laws and standards; and
8. [Name of Bidder] is aware of and has undertaken the responsibilities as a Bidder in compliance with the Philippine Bidding Documents, which includes:
  - a. Carefully examining all of the Bidding Documents;
  - b. Acknowledging all conditions, local or otherwise, affecting the implementation of the Contract;
  - c. Making an estimate of the facilities available and needed for the contract to be bid, if any; and
  - d. Inquiring or securing Supplemental/Bid Bulletin(s) issued for the [Name of the Project].
9. [Name of Bidder] did not give or pay directly or indirectly, any commission, amount, fee, or any form of consideration, pecuniary or otherwise, to any person or official, personnel or representative of the government in relation to any procurement project or activity.

10. **In case advance payment was made or given, failure to perform or deliver any of the obligations and undertakings in the contract shall be sufficient grounds to constitute criminal liability for Swindling (Estafa) or the commission of fraud with unfaithfulness or abuse of confidence through**

**misappropriating or converting any payment received by a person or entity under an obligation involving the duty to deliver certain goods or services, to the prejudice of the public and the government of the Philippines pursuant to Article 315 of Act No. 3815 s. 1930, as amended, or the Revised Penal Code.**

**IN WITNESS WHEREOF**, I have hereunto set my hand this \_\_\_ day of \_\_\_, 20\_\_ at \_\_\_\_\_, Philippines.

**[Insert NAME OF BIDDER OR ITS  
AUTHORIZED REPRESENTATIVE]  
[Insert signatory's legal capacity]  
Affiant**

**[Jurat]**  
**[Format shall be based on the latest Rules on Notarial Practice]**

*\*The identification card shall be at least one of the acceptable proofs of identity as identified under the provisions of the 2014 Rules on Notarial Practice*

*"Sec. 12. Competent Evidence of Identity — The phrase "competent evidence of identity" refers to the identification of an individual based on:*

*At least one current identification document issued by an official agency bearing the photograph and signature of the individual such as but not limited to, passport, driver's license, Professional Regulations Commission ID, National Bureau of Investigation clearance, police clearance, postal ID, voter's ID, Barangay certification, Government Service and Insurance System (GSIS) e-card, Social Security System (SSS) card, Philhealth card, senior citizen card, Overseas Workers Welfare Administration (OWWA) ID, OFW ID, seaman's book, alien certificate of registration/immigrant certificate of registration, government office ID, certification from the National Council for the Welfare of Disabled Persons (NCWDP), Department of Social Welfare and Development (DSWD) certification;*

*The Board Resolution or Secretary's Certificate referring to the said Board Resolution designating the bidder's authorized representative and signatory need not specifically indicate the particular project where such authority is given provided that the said authority covers activities by TESDA.*

## JOINT VENTURE AGREEMENT

KNOW ALL MEN BY THESE PRESENTS:

This JOINT VENTURE AGREEMENT (hereinafter referred to as the "Agreement"), entered into this \_\_\_\_\_ day \_\_\_\_\_ of 20\_\_ at \_\_\_\_\_ City, Philippines by and among:

\_\_\_\_\_, a domestic corporation duly organized, registered and existing under and by virtue of the laws of the Republic of the Philippines, with office address at \_\_\_\_\_, represented by its \_\_\_\_\_, hereinafter referred to as "\_\_\_\_\_";

- and -

\_\_\_\_\_, a domestic corporation duly organized, registered and existing under and by virtue of the laws of the Republic of the Philippines, with office address at \_\_\_\_\_, represented by its \_\_\_\_\_, hereinafter referred to as "\_\_\_\_\_";

- and -

\_\_\_\_\_ a foreign corporation organized and existing under and by virtue of the laws of \_\_\_\_\_, represented by its \_\_\_\_\_, hereinafter referred to as "\_\_\_\_\_";

(Henceforth collectively referred to as the "Parties")

**WITNESSETH: That**

**WHEREAS**, the Technical Education and Skills Development Authority (TESDA) has recently published an Invitation to Apply for Eligibility and to Bid for the Supply and Delivery of \_\_\_\_\_ for the \_\_\_\_\_;

**WHEREAS**, the parties have agreed to pool their resources together to form the "\_\_\_\_\_ Joint Venture", hereinafter referred to as the Joint Venture, under the laws of the Philippines, for the purpose of participating in the abovementioned procurement of TESDA-CO;

**NOW, THEREFORE**, for and in consideration of the foregoing premises and the covenants hereto set forth, the Parties have agreed as follows:





**ARTICLE III  
SOLIDARY LIABILITY OF THE PARTIES**

SECTION 1. In the performance of the contract/s that may be awarded to the Joint Venture by the TESDA-CO, and all other related activities/obligations, as described in Article II hereof, - the Parties bind themselves jointly and solidarily, in the concept of solidarily debtors, subject to the right of reimbursement, as provided in the relevant provisions of the Civil Code of the Philippines.

**ARTICLE IV  
CONTRIBUTION AND OTHER ARRANGEMENTS**

SECTION 1. Contribution — The Parties shall contribute the amount of \_\_\_\_\_ (Php \_\_\_\_\_) to support the financial requirements of the Joint Venture, in the following proportion:

A.	-	P .00
B.	-	P .00
TOTAL		P .00

Additional contributions to the Joint Venture shall be made as may be required for contract implementation. In addition, shall contribute any labor and contract management requirements.

SECTION 2. Profit Sharing — The share of the Parties to the JV from any profit derived or obtained from the implementation and execution of the Project shall be distributed pro rata to each, in accordance with the contribution and resources each has provided to the JV;

SECTION 3. Liquidation and Distributions — Any sum remaining after deducting from the total of all moneys or benefits received for the performance of the contract, all costs incurred by the JV after award of the contract for the Project pursuant to the accounting practices established for the JV, shall be distributed in accordance with the relative balances in the accounts of each Party pursuant to Sec.1 of this Article upon completion, final accounting, termination and liquidation of the JV. In the event of liquidation and termination of JV, and after taking into account the shares of the Parties in all income, gain, deductions, expenses, and losses, should the account of a Party contain a negative balance, such Party shall contribute cash to the JV sufficient to restore the said balance to zero;

SECTION 4. Sharing of Burden of a Net Loss — In case a net loss is incurred, additional contributions shall be made by the Parties in accordance with their respective shares.

**ARTICLE V  
MISCELLANEOUS PROVISIONS**

**SECTION 1.** The provisions of the Instructions to Bidders, Supplemental Bid Bulletin, and other bidding documents issued by the TESDA-CO in relation to the contract described in Article II hereof, shall be deemed incorporated in this Agreement and made an integral part thereof.

**SECTION 2.** This Agreement shall be binding upon and inure to the benefit of the Parties and their respective-successors and assigns.

**SECTION 3.** The Parties herein are duly represented by their authorized officers.

**SECTION 4. Governing Law -** This Agreement shall be governed by and construed according to the laws of the Republic of the Philippines. Venue of any court action arising from this Agreement shall be exclusively laid before the proper court of the Philippines.

**IN WITNESS WHEREOF,** the parties have set their hands and affixed their signatures on the date and place first above-stated.

\_\_\_\_\_  
\_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_

**Signed in the Presence of:**

\_\_\_\_\_  
\_\_\_\_\_

**ACKNOWLEDGMENT**

REPUBLIC OF THE PHILIPPINES )  
CITY/MUNICIPALITY OF \_\_\_\_\_ ) S.S.  
PROVINCE OF (in the case of Municipality)

BEFORE ME, a Notary Public for and in the City/Municipality of           (indicate also the Province in the case of Municipality          , this \_\_\_\_\_ day of \_\_\_\_\_ month & year)            personally appeared the following:

Name	ID Name, Number and Validity Date
------	-----------------------------------

Known to me and to me known to be the same persons who executed the foregoing instrument and they acknowledge to me that the same is their free and voluntary act and deed and that of the corporation(s) they represent.

This instrument refers to a Joint Venture Agreement consisting of \_\_\_\_\_ pages, including the page on which this Acknowledgement is written, and signed by the parties and their instrumental witnesses.

WITNESS MY HAND AND NOTARIAL SEAL on the place and on the date first above written.

**NAME OF NOTARY PUBLIC**  
Serial No. of Commission \_\_\_\_\_  
Notary Public for \_\_\_\_\_ until \_\_\_\_\_  
Roll of Attorneys No. \_\_\_\_\_  
PTR No. \_\_\_\_\_ [ date issued], [place issued]  
IBP No. \_\_\_\_\_, [ date issued], [place issued]

Doc. No. \_\_\_\_\_  
Page No. \_\_\_\_\_  
Book No. \_\_\_\_\_  
Series of \_\_\_\_\_.

Note:

"Sec. 12. Competent Evidence of Identity — The phrase "competent evidence of identity" refers to the identification of an individual based on:

At least one current identification document issued by an official agency bearing the photograph and signature of the individual such as but not limited to, passport, driver's license, Professional Regulations Commission ID, National Bureau of Investigation clearance, police clearance, postal ID, voter's ID, Barangay certification, Government Service and Insurance System (GSIS) e-card, Social Security System (SSS) card, Philhealth card, senior citizen card, Overseas Workers Welfare Administration (OWWA) ID, OFW ID, seaman's book, alien certificate of registration/immigrant certificate of registration, government office ID, certification from the National Council for the Welfare of Disabled Persons (NCWDP), Department of Social Welfare and Development (DSWD) certification.

**Bid Form for the Procurement of Goods**  
*[shall be submitted with the Bid]*

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**BID FORM**

Date : \_\_\_\_\_  
Project Identification No. : \_\_\_\_\_

To: *[name and address of Procuring Entity]*

Having examined the Philippine Bidding Documents (PBDs) including the Supplemental or Bid Bulletin Numbers *[insert numbers]*, the receipt of which is hereby duly acknowledged, we, the undersigned, offer to *[supply/deliver/perform]* *[description of the Goods]* in conformity with the said PBDs for the sum of *[total Bid amount in words and figures]* or the total calculated bid price, as evaluated and corrected for computational errors, and other bid modifications in accordance with the Price Schedules attached herewith and made part of this Bid. The total bid price includes the cost of all taxes, such as, but not limited to: *[specify the applicable taxes, e.g. (i) value added tax (VAT), (ii) income tax, (iii) local taxes, and (iv) other fiscal levies and duties]*, which are itemized herein or in the Price Schedules,

If our Bid is accepted, we undertake:

- a. to deliver the goods in accordance with the delivery schedule specified in the Schedule of Requirements of the Philippine Bidding Documents (PBDs);
- b. to provide a performance security in the form, amounts, and within the times prescribed in the PBDs;
- c. to abide by the Bid Validity Period specified in the PBDs and it shall remain binding upon us at any time before the expiration of that period.

*[Insert this paragraph if Foreign-Assisted Project with the Development Partner:*

Commissions or gratuities, if any, paid or to be paid by us to agents relating to this Bid, and to contract execution if we are awarded the contract, are listed below:

Name and address of agent	Amount and Purpose of Commission or gratuity
---------------------------	--

_____	_____
_____	_____

*(if none, state "None")* ]

Until a formal Contract is prepared and executed, this Bid, together with your written acceptance thereof and your Notice of Award, shall be binding upon us.

We understand that you are not bound to accept the Lowest Calculated Bid or any Bid you may receive.

We certify/confirm that we comply with the eligibility requirements pursuant to the PBDs.

The undersigned is authorized to submit the bid on behalf of *[name of the bidder]* as evidenced by the attached *[state the written authority]*.

**We acknowledge that failure to sign each and every page of this Bid Form, including the attached Schedule of Prices, shall be a ground for the rejection of our bid.**

**Name:** \_\_\_\_\_

**Legal capacity:** \_\_\_\_\_

**Signature:** \_\_\_\_\_

**Duly authorized to sign the Bid for and behalf of:** \_\_\_\_\_

**Date:** \_\_\_\_\_

**Price Schedule for Goods Offered from Abroad**  
*[shall be submitted with the Bid if bidder is offering goods from Abroad]*

**For Goods Offered from Abroad**

Name of Bidder \_\_\_\_\_ Project ID No. \_\_\_\_\_ Page \_\_\_ of \_\_\_

1	2	3	4	5	6	7	8	9
Item	Description	Country of origin	Quantity	Unit price CIF port of entry (specify port) or CIF named place (specify border point or place of destination)	Total CIF or CIF price per item (col. 4 x 5)	Unit Price Delivered Duty Unpaid (DDU)	Unit price Delivered Duty Paid (DDP)	Total Price delivered DDP (col 4 x 8)

Name: \_\_\_\_\_

Legal Capacity: \_\_\_\_\_

Signature: \_\_\_\_\_

Duly authorized to sign the Bid for and behalf of: \_\_\_\_\_

**Price Schedule for Goods Offered from Within the Philippines**  
*[shall be submitted with the Bid if bidder is offering goods from within the Philippines]*

**For Goods Offered from Within the Philippines**

Name of Bidder \_\_\_\_\_ Project ID No. \_\_\_\_\_ Page \_\_\_ of \_\_\_

1	2	3	4	5	6	7	8	9	10
Item	Description	Country of origin	Quantity	Unit price EXW per item	Transportation and all other costs incidental to delivery, per item	Sales and other taxes payable if Contract is awarded, per item	Cost of Incidental Services, if applicable, per item	Total Price, per unit (col 5+6+7+8)	Total Price delivered Final Destination (col 9) x (col 4)

Name: \_\_\_\_\_

Legal Capacity: \_\_\_\_\_

Signature: \_\_\_\_\_

Duly authorized to sign the Bid for and behalf of: \_\_\_\_\_



## **Performance Securing Declaration (Revised)**

*[If used as an alternative performance security but it is not required to be submitted with the Bid, as it shall be submitted within ten (10) days after receiving the Notice of Award]*

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REPUBLIC OF THE PHILIPPINES)  
CITY OF \_\_\_\_\_ ) S.S.

### **PERFORMANCE SECURING DECLARATION**

Invitation to Bid: [Insert Reference Number indicated in the Bidding Documents]  
To: [Insert name and address of the Procuring Entity]

I/We, the undersigned, declare that:

1. I/We understand that, according to your conditions, to guarantee the faithful performance by the supplier/distributor/manufacturer/contractor/consultant of its obligations under the Contract, I/we shall submit a Performance Securing Declaration within a maximum period of ten (10) calendar days from the receipt of the Notice of Award prior to the signing of the Contract.
2. I/We accept that: I/we will be automatically disqualified from bidding for any procurement contract with any procuring entity for a period of one (1) year for the first offense, or two (2) years **for the second offense**, upon receipt of your Blacklisting Order if I/We have violated my/our obligations under the Contract;
3. I/We understand that this Performance Securing Declaration shall cease to be valid upon:
  - a. issuance by the Procuring Entity of the Certificate of Final Acceptance, subject to the following conditions:
    - i. Procuring Entity has no claims filed against the contract awardee;
    - ii. It has no claims for labor and materials filed against the contractor; and
    - iii. Other terms of the contract; or
  - b. replacement by the winning bidder of the submitted PSD with a performance security in any of the prescribed forms under Section 39.2 of the 2016 revised IRR of RA No. 9184 as required by the end-user.

**IN WITNESS WHEREOF**, I/We have hereunto set my/our hand/s this \_\_\_\_ day of [month] [year] at [place of execution].

*[Insert NAME OF BIDDER OR ITS  
AUTHORIZED REPRESENTATIVE]  
[Insert signatory's legal capacity]  
Affiant*

**[Jurat]**  
*[Format shall be based on the latest Rules on Notarial Practice]*

**Contract Agreement Form for the Procurement of Goods (Revised)**  
*[Not required to be submitted with the Bid, but it shall be submitted within ten (10) days after receiving the Notice of Award]*

---

**CONTRACT AGREEMENT**

THIS AGREEMENT made the \_\_\_\_ day of \_\_\_\_\_ 20\_\_\_\_ between [name of PROCURING ENTITY] of the Philippines (hereinafter called "the Entity") of the one part and [name of Supplier] of [city and country of Supplier] (hereinafter called "the Supplier") of the other part;

WHEREAS, the Entity invited Bids for certain goods and ancillary services, particularly [brief description of goods and services] and has accepted a Bid by the Supplier for the supply of those goods and services in the sum of [contract price in words and figures in specified currency] (hereinafter called "the Contract Price").

**NOW THIS AGREEMENT WITNESSETH AS FOLLOWS:**

1. In this Agreement words and expressions shall have the same meanings as are respectively assigned to them in the Conditions of Contract referred to.
2. The following documents as required by the 2016 revised Implementing Rules and Regulations of Republic Act No. 9184 shall be deemed to form and be read and construed as integral part of this Agreement, viz.:
  - i. Philippine Bidding Documents (PBDs);
    - i. Schedule of Requirements;
    - ii. Technical Specifications;
    - iii. General and Special Conditions of Contract; and
    - iv. Supplemental or Bid Bulletins, if any
  - ii. Winning bidder's bid, including the Eligibility requirements, Technical and Financial Proposals, and all other documents or statements submitted;  
  
Bid form, including all the documents/statements contained in the Bidder's bidding envelopes, as annexes, and all other documents submitted (e.g., Bidder's response to request for clarifications on the bid), including corrections to the bid, if any, resulting from the Procuring Entity's bid evaluation;
  - iii. Performance Security;
  - iv. Notice of Award of Contract; and the Bidder's conforme thereto; and
  - v. Other contract documents that may be required by existing laws and/or the Procuring Entity concerned in the PBDs. **Winning bidder agrees that additional contract documents or information prescribed by the GPPB that are subsequently required for submission after the contract execution, such as the Notice to**

**Proceed, Variation Orders, and Warranty Security, shall likewise form part of the Contract.**

3. In consideration for the sum of *[total contract price in words and figures]* or such other sums as may be ascertained, *[Named of the bidder]* agrees to *[state the object of the contract]* in accordance with his/her/its Bid.
4. The *[Name of the procuring entity]* agrees to pay the above-mentioned sum in accordance with the terms of the Bidding.

IN WITNESS whereof the parties hereto have caused this Agreement to be executed in accordance with the laws of the Republic of the Philippines on the day and year first above written.

*[Insert Name and Signature]*

*[Insert Name and Signature]*

*[Insert Signatory's Legal Capacity]*

*[Insert Signatory's Legal Capacity]*

for:

for:

*[Insert Procuring Entity]*

*[Insert Name of Supplier]*

**Acknowledgment**

*[Format shall be based on the latest Rules on Notarial Practice]*

Republic of the Philippines



Government Procurement Policy Board