



SUPPLEMENTAL/ BID BULLETIN

BID BULLETIN NO. 1
 16 August 2022

Name of Project: **Procurement of Learning Systems for RTC-NCR - Rebidding**

Pursuant to Section 22.5 of the Revised Implementing Rules and Regulations of Republic Act No. 9184, this Bid Bulletin No. 1 is being issued to further clarify the provisions in the Bidding Documents concerning the queries raised by the prospective bidders.

A. Section III. Bid Data Sheet

1. On the queries on Single Largest Completed Contract (SLCC)

a. Are training tools and equipment, such as tool kits, be allowed to be used as SLCC for all lots?

- No. The provisions stated in the Bid Data Sheet will be sustained.

b. As for Lot 8, the prospective bidder would like to clarify if the contract on the set-up of IT equipment is similar to the contract on the supply and delivery of ICT equipment.

As for Lot 11, the prospective bidder would like to clarify if the SLCC that they will be submitting has an inclusion of ICT equipment and photo and videography equipment and software acceptable.

- The definition of SLCC will be revised as follows:

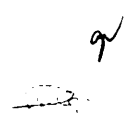
ORIGINAL			AMENDED		
Lot No.	Lot Name	Nature of SLCC	Lot No.	Lot Name	Nature of SLCC
8	IT Equipment	Contract similar to supply and set-up of IT equipment, multimedia, photography and/or videography equipment, photo and video editing equipment	8	IT Equipment	Contract similar to supply, set-up, and/or delivery of IT Equipment, multimedia, photography, and/or videography equipment, photo and video editing equipment
9	Multimedia Equipment		9	Multimedia Equipment	
10	Photography and Videography Equipment		10	Photography and Videography Equipment	
11	Photo and Video Editing Equipment and Software		11	Photo and Video Editing Equipment and Software	

2. On the queries on the post-qualification documents to be submitted under Instruction to Bidders (ITB) Clause No. 20.1
 - a. The prospective bidder would like to clarify the word "Manufacturer or Distributor's un-amended sales literature" if this is a manufacturer's certificate or reseller's certificate or brochure that needs to be submitted by the winning bidder.
 - No. The manufacturer's or distributor's un-amended sales literature does not refer to a certificate but rather to manuals, data sheets, and brochures.
 - b. The prospective bidder would like to clarify if there is a need to attach the proof of documents for an ongoing contract during bid submission or is it for post-qualification purposes only, and if the list of ongoing contracts submitted during bid submission is acceptable.
 - During the submission/opening of bids, the bidder has to submit only the form for the "Statement of (i) Ongoing Contracts (ii) Awarded but Not Yet Started Contracts".
 - c. The prospective bidder would like to clarify if there is a need to attach the proof of documents for the Single Largest Completed Contract during bid submission or if it is for post-qualification purposes only, and if the list of single largest contracts submitted during the bid submission is acceptable.
 - Aside from the form for the "Statement of Single Largest Completed Contract Similar to the Contract to be Bid", the prospective bidder has to submit any of the following attachment during bid submission:
 - a. Copy/ies of Contract/s or Purchase Order/s; or
 - b. Copy/ies of corresponding Sales Invoice/s; or
 - c. Copy/ies of Official Receipt/Cash Receipt/Collection Receipt; or
 - d. Certificate of Performance Evaluation

B. Section VI. Schedule of Requirements

1. The prospective bidder inquired if the delivery period of 60 calendar days upon receipt of the Notice to Proceed could be extended to 90 calendar days. This is due to importation delays and lockdowns of different component manufacturing factories, which have caused a worldwide shortage of parts, leading to unusual delivery lead times.
 - The provision on the delivery period of 60 calendar days in the Bidding Documents will be retained. However, the winning bidder may request for an extension of delivery period subject to the conditions and limitations stated under Annex "D" of the 2016 Revised Implementing Rules and Regulations (RIRR) of Republic Act No. 9184.

g



2. On the Scope of Work, the prospective bidder would like to clarify if the scope is to be limited to the items present in each particular lot and if the same does not transcend or cross to other lots.
 - The scope will be limited to the items present in each particular lot, and the same will not transcend or cross to other lots.

C. Section VII. Technical Specifications

1. In the column under the Statement of Compliance, the prospective bidder would like to clarify if the statement that they will input as "Comply" or "Comply with Technical Offered" is acceptable.
 - The prospective bidder must state in the form either "Comply" or "Not Comply". "Comply" means compliance of the items being offered by the bidder to the agency specifications.
2. Lot 4 - Industrial Automation, Mechatronics and Robotics
 - a. On 04-004 Reed Switch, due to the current availability of the item in the market, can the item's operating voltage be at 24V max only?
 - The specification will be changed as follows:

ORIGINAL	AMENDED
Switching output: N/O contact (PNP / NPN) with switching status indication Operating voltage: 5 – 30 V DC Output current: max. 100 mA With mounting system for cylinder diameter: 20 mm Compatible with double acting cylinder, item no. 19-001	Switching output: N/O contact (PNP / NPN) with switching status indication Operating voltage: 24 V DC Output current: max. 100 mA With mounting system for cylinder diameter: 20 mm Compatible with double acting cylinder, item no. 19-001

- b. On 04-007 Filter Regulator Lubricator, which connection requires G1/8 or G1/4 or both? Should this be Manual or Automatic?
 - The specification will be changed as follows:

ORIGINAL	AMENDED
Pneumatic Connection: G1/8 / G1/4 Pressure: 0.5 - 7 bar Flow rate: 400 - 650 l/min with pressure gauge Grade of filtration: max 40 µm, min 5 µm Condensate drain : MANUAL / AUTOMATIC	Pneumatic Connection: G1/8 OR G1/4 Pressure: 0.5 - 7 bar Flow rate: 400 - 650 l/min with pressure gauge Grade of filtration: max 40 µm, min 5 µm Condensate drain : MANUAL OR AUTOMATIC

Kindly refer to the revised Technical Specifications for Lot 4.

3. Lot 7 - Fabrication Tools, Equipment and Supplies

a. On 07-016 Cordless Sander, what is the requirement? Is this Rotary or Finishing?

- The Cordless Sander is for Finishing.

4. Lot 8

a. Item 1 - Computer Tower Workstation 32GB with Dual Monitor

i. The prospective bidder would like to clarify the warranty if it is 3 years on parts, labor, and onsite support or 1 year. Based on the specification, the warranty requirements are 3 years for parts, labor, and onsite support, but it is 1 year as stated in Annex B8 under the Row, Onsite Warranty (Parts and Service).

For UPS Bundle, can we request that the warranty be reduced to 2 years parts and labor and 1 year battery if the required bundle warranty is 3 years?

- The winning bidder shall provide at least one-year onsite warranty for parts, labor and support.
- The specification will be changed as follows:

ORIGINAL	AMENDED
<ul style="list-style-type: none"> • Intel Xeon Processor W-2225 (4 cores, 4.1GHz to 4.6GHz Turbo, 8.25MB Cache, 105W) • Intel Integrated controller (RST-e) with 1-2 Front FlexBay NVMe PCIe Drives • 950W PCIe FlexBay Chassis CL • Slim ODD bezel, 100% tie with slim ODD • Precision TPM • 32GB 2x16GB DDR4 2933MHz RDIMM ECC Memory • 2 TB, M.2, PCIe NVMe, SSD, Class 40 • 2 TB, 7200 RPM, 3.5-inch, SATA • Nvidia T400, 2GB, 3 mDP to DP adapter • CPU Heatsink • 3.5" 2TB 7200rpm SATA AG-Enterprise Hard Drive • M.2 carrier • Intel NVMe PCIe SSD (Front PCIe FlexBay) • Regulatory Label, APCC, 950W • Firmware and Driver for Intel 8265 Wi-Fi + Bluetooth module • Intel Dual Band Wireless AC 8265 (802.11ac) 2x2 + Bluetooth module 	<ul style="list-style-type: none"> • Intel Xeon Processor W-2225 (4 cores, 4.1GHz to 4.6GHz Turbo, 8.25MB Cache, 105W) • Intel Integrated controller (RST-e) with 1-2 Front FlexBay NVMe PCIe Drives • 950W PCIe FlexBay Chassis CL • Slim ODD bezel, 100% tie with slim ODD • Precision TPM • 32GB 2x16GB DDR4 2933MHz RDIMM ECC Memory • 2 TB, M.2, PCIe NVMe, SSD, Class 40 • 2 TB, 7200 RPM, 3.5-inch, SATA • Nvidia T400, 2GB, 3 mDP to DP adapter • CPU Heatsink • 3.5" 2TB 7200rpm SATA AG-Enterprise Hard Drive • M.2 carrier • Intel NVMe PCIe SSD (Front PCIe FlexBay) • Regulatory Label, APCC, 950W • Firmware and Driver for Intel 8265 Wi-Fi + Bluetooth module • Intel Dual Band Wireless AC 8265 (802.11ac) 2x2 + Bluetooth module

ORIGINAL	AMENDED
<ul style="list-style-type: none"> • 125 V Power Cord • Wired Mouse and Keyboard (English) • Applications for Windows • Optimizer for Precision • Windows 10 Pro for Workstations (up to 4 cores, Includes Windows 11 Pro License) English • Endpoint Security (EPS) - 1 year subscription Anti-Virus, Endpoint Security, Anti Ransomware, Email Protection, IDS/IPS Protection, Firewall Protection, Phishing Protection, Browsing Protection, SMS Notification, Vulnerability Scan, Roaming Platform, GoDeep.AI, Asset Management, Spam Protection, Web Filtering, Advanced Device Control, Application Control, Tuneup, File Activity Monitor, Patch Management, Data Loss Prevention • Monitor : 2 x 27 inches <ul style="list-style-type: none"> - Panel Type: IPS - Native Resolution: QHD 2560 x 1440 at 60 Hz - with stand - Warranty : 3 years on parts, labor and onsite support • Online Double Conversion Tower UPS <ul style="list-style-type: none"> - Capacity: 2000VA/1800W - Nominal Voltage: 220-240VAC - Input Voltage: 110-300VAC - Frequency Range: 40-70Hz - Power Factor: ≥ 0.99 - Transfer Time: Zero - Output Socket: 4 x Universal Type (Surge Protection & Battery Back-Up) - Waveform: Pure Sinewave - Battery Type: 4 x 12V 9Ah 	<ul style="list-style-type: none"> • 125 V Power Cord • Wired Mouse and Keyboard (English) • Applications for Windows • Optimizer for Precision • Windows 10 Pro for Workstations (up to 4 cores, Includes Windows 11 Pro License) English • Endpoint Security (EPS) - 1 year subscription Anti-Virus, Endpoint Security, Anti Ransomware, Email Protection, IDS/IPS Protection, Firewall Protection, Phishing Protection, Browsing Protection, SMS Notification, Vulnerability Scan, Roaming Platform, GoDeep.AI, Asset Management, Spam Protection, Web Filtering, Advanced Device Control, Application Control, Tuneup, File Activity Monitor, Patch Management, Data Loss Prevention • Monitor : 2 x 27 inches <ul style="list-style-type: none"> - Panel Type: IPS - Native Resolution: QHD 2560 x 1440 at 60 Hz - with stand - Warranty : At least one-year onsite warranty for parts, labor and support. • Online Double Conversion Tower UPS <ul style="list-style-type: none"> - Capacity: 2000VA/1800W - Nominal Voltage: 220-240VAC - Input Voltage: 110-300VAC - Frequency Range: 40-70Hz - Power Factor: ≥ 0.99 - Transfer Time: Zero - Output Socket: 4 x Universal Type (Surge Protection & Battery Back-Up) - Waveform: Pure Sinewave - Battery Type: 4 x 12V 9Ah

ii. Under Training, the prospective bidder would like to clarify if the bidder is required to provide a Certified Engineer for the End Point Security.

- The Bidder is required to submit the name of the Endpoint Security certified personnel who will conduct the training.

iii. Can the monitor be a different brand than the server unit?

- No. The monitor and the server unit should be the same brand.

9

b. Item 2 - Laptop i9

- i. Under Training, the prospective bidder would like to clarify if the bidder is required to provide a Certified Engineer for the End Point Security.
 - The Bidder is required to submit the name of the Endpoint Security certified personnel who will conduct the training.

c. Item 3 - Laptop


- i. For the Display, the prospective bidder would like to request to relax the requirement of "IPS" under display to the manufacturer's standard. All brands can comply with the Manufacturer's Standard for Display for 15.6-inch Manufacturer Standard, Full HD 1920x1080?
 - We cannot allow the bidder to follow all manufacturers' standards as reference because it may result in a lower quality LCD screen. However, "IPS" or "OLED" will be acceptable.
- ii. For Gigabit Ethernet, the prospective bidder would like to request to have an option for external gigabit Ethernet since most of the new products/versions for computers have no bundle for gigabit ether.
 - The option for an external adaptor for Gigabit Ethernet may replace the built-in Gigabit Ethernet port.
- iii. For Operating System, the prospective bidder would like to clarify if the required Operating System is Windows 10 Home or Windows 10 Professional?
 - The Operating Systems should be Windows 10 Professional or higher.
- iv. For Autovolt, the prospective bidder would like to request to relax the requirement from Autovolt to Manufacturer's Standard?
 - The request of the prospective bidder is denied.

d. Item 4 - Graphics Pen Tablet

- i. For Response Rate, the prospective bidder would like to clarify if 25ms response time is acceptable.
 - The Agency Specification for the item's response rate is from 22ms to 25ms. Thus, 25ms is acceptable.

e. Item 5 - UPS 600W

- i. The prospective bidder would like to clarify if the warranty is 2 years on UPS Electronic and 1 year on Battery? Based on the specifications, the


a

warranty requirements is 2 years on UPS Electronic and 1 year on Battery, but it is 1 year as stated in Annex B8 under the Row, Onsite Warranty (Parts and Service).

- The winning bidder shall provide at least one-year onsite warranty for parts, labor and support.
- The specification will be changed as follows:

ORIGINAL	AMENDED
<ul style="list-style-type: none"> • Capacity: 1000VA/600W • Voltage: 220-240VAC +/- 10% • Frequency: 50/60Hz +/- 10% (auto-sensing) • Sine-wave • Battery: 12 V/7 AH x 2 • Output Socket: 4 x Universal Type (Surge Protected & Battery Backed-Up) • Warranty: Two (2) Years on UPS Electronics and One (1) Year on Battery • Compatible with Item 09-002 Standalone Computer 	<ul style="list-style-type: none"> • Capacity: 1000VA/600W • Voltage: 220-240VAC +/- 10% • Frequency: 50/60Hz +/- 10% (auto-sensing) • Sine-wave • Battery: 12 V/7 AH x 2 • Output Socket: 4 x Universal Type (Surge Protected & Battery Backed-Up) • Warranty: At least one-year onsite warranty for parts, labor and support. • Compatible with Item 09-002 Standalone Computer

f. Item 11 - External Drive Storage

i. For Max Data Transfer of External Drive Storage, the prospective bidder would like to request to relax the requirement of Max Data Transfer to Manufacturer's Standard because the required External Drive Storage has reached the End of Life Support (EOL)?

- The maximum data transfer should be 160Mb/s or higher.

g. Under the Column of English Manual

i. The prospective bidder inquired if there was a need to submit the English Manual during bid submission or if the winning bidder would provide it during the delivery of goods.


- The English Manual should be submitted upon delivery of the goods.

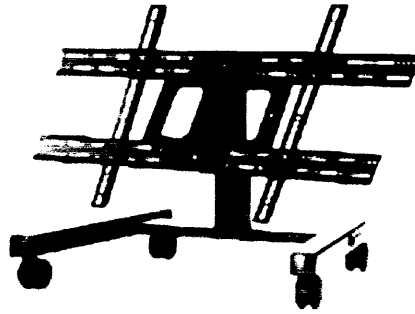
Kindly refer to the revised Technical Specifications for Lot 8.

5. Lot 9 - Multimedia Equipment

a. On 09-006 43" Teleprompter Monitor, the prospective bidder requested a drawing/sample design.

- The monitor requirement is already specified in the Agency Specification. Kindly refer to the sample design of the customized stand below.


9



b. On 09-043 9ft x12ft LED Wall Configuration

- i. The prospective bidder requested to relax the requirement from IP67 compliant to IP65 compliant.
 - The Agency Specification will be changed to IP67 or IP65 compliant.
- ii. The Pixel density of 40,000 dots / m2 is not achievable in P6. This could be achievable with finer pitch panels. The prospective bidder requested to relax the requirements for this specification.
 - The Agency Specification will be changed to 40,000 dots/m2 or higher and remove the pixel pitch size requirement.
- iii. The prospective bidder stated that the Weight per panel of 11.2 kg cannot be achieved on a 960x960 mm panel. The estimated weight of a panel of this size is about 40 kg. If weight is of primary consideration, the recommended panel size is 500x500mm. However, this size is for the touring type LED Wall and not for fixed type installation.
 - The weight per panel should be not more than 25kg. With regards to panel size, there is no particular panel size requirement as long as the total LED Wall dimension is 9ft x 12ft.
 - The specification will be changed as follows:

ORIGINAL	AMENDED
<ul style="list-style-type: none"> • Pixel Pitch 6mm IP 67 Compliant • Pixel Configuration 3-in-1 SMD • Module Resolution 32*32 • Module Pixels 1024 dots • Module Size 192*192mm • Cabinet Size (W*H) 960*960mm • Pixel Density 40000dots/m2 • Physical Resolution of Panel (W x H) 96 x 192 	<ul style="list-style-type: none"> • IP 67 Compliant or IP 65 Compliant • Pixel Configuration 3-in-1 SMD • Module Resolution 32*32 • Module Pixels 1024 dots • Module Size 192*192mm • Cabinet Size (W*H) 960*960mm • Pixel Density 40000dots/m2 or higher • Physical Resolution of Panel (W x H) 96 x 192

ORIGINAL	AMENDED
<ul style="list-style-type: none"> • Weight Per Panel 11.2 kg/panel • Custom Reinforce Support and mounting System 	<ul style="list-style-type: none"> • Weight Per Panel should not be more than 25kgs/panel • Custom Reinforce Support and mounting System

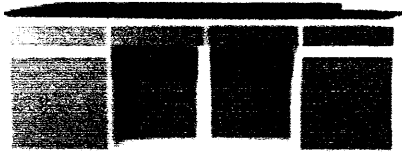
Kindly refer to the revised Technical Specifications for Lot 9.

6. Lot 12 - Furniture

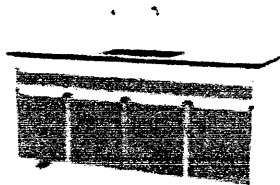
a. On 12-010 Laboratory Table and 12-011 Lavatory Counter with Countertop and Sink, the prospective bidder requested a drawing/sample design. This is due to the customization needed and to better understand the requirements.

- Kindly refer to the sample image below.

12-010 - Laboratory Table



12-011 Lavatory Counter with Countertop and Sink



For the information and guidance of all concerned.


DAVID E. BUNGALLON
 Chairperson
 Bids and Awards Committee

Technical Specifications

Lot 4 : Industrial Automation, Mechatronics and Robotics
APPROVED BUDGET FOR THE CONTRACT : Two Million Three Hundred Thirty-Two Thousand Eight Hundred One Pesos and 95/100 (₱2,332,801.95)

Item Code	Item Name	Agency Specification	Qty	Unit	Statement of Compliance*	Make Brand / Model	Reference
04-001	Human Machine Interface	Kindly refer to the technical specifications attached as Annex B4 .	5	units			
04-002	Variable Frequency Drive	Kindly refer to the technical specifications attached as Annex B4	10	units			
04-003	Double Acting Cylinder	Kindly refer to the technical specifications attached as Annex B4	50	pcs			
04-004	Reed Switch	Kindly refer to the technical specifications attached as Annex B4	100	pcs			
04-005	5/2 Way Double Solenoid Valve	Kindly refer to the technical specifications attached as Annex B4	50	pcs			
04-006	5/2 Way Single Solenoid Valve	Kindly refer to the technical specifications attached as Annex B4	50	pcs			
04-007	Filter Regulator Lubricator	Kindly refer to the technical specifications attached as Annex B4	20	pcs			

* Bidders must state here either "Comply" or "Not Comply" against each of the individual parameters of each Specification stating the corresponding performance parameter of the equipment offered. Statements of "Comply" or "Not Comply" must be supported by evidence in a Bidders Bid and cross-referenced to that evidence. Evidence shall be in the form of manufacturer's un-amended sales literature, unconditional statements of specification and compliance issued by the manufacturer, samples, independent test data etc., as appropriate. A statement that is not supported by evidence or is subsequently found to be contradicted by the evidence presented will render the Bid under evaluation liable for rejection. A statement either in the Bidder's statement of compliance or the supporting evidence that is found to be false either during Bid evaluation, post-qualification or the execution of the Contract may be regarded as fraudulent and render the Bidder or supplier liable for prosecution subject to the applicable laws and issuances.

I hereby commit to comply and deliver all the above requirements in accordance with the above stated schedule.

Name of Company/Bidder

Signature over Printed Name of Authorized Representative

Date

Item Code	Item Name	Agency Specification	Classification	Test Parameters (Post Evaluation)	Test Parameters (Inspection and Acceptance)	Onsite Warranty (Parts and Service)	Training	English Manual	Qty	Unit
04-001	Human Machine Interface	<ul style="list-style-type: none"> ● 7 inch display / TFT Display ● 800X480 pixels resolution ● Color display ● 3 number of ports ● Port Type: Ethernet, MPI, Profibus DP, USB ● Processor Type: ARM ● With backlight ● Supply voltage: 24VDC ● Dimension: 214x158x63mm ● IP Rating: IP20, IP65 ● Configurable from WINCC COMFORT V11 	Equipment	Brochure with picture and data sheet	<ul style="list-style-type: none"> - Measurement of monitor - Checking the conformity with the quantity including parts and accessories - Checking the conformity of hardware vis-a-vis offered specifications - Functionality testing 	1 Year	Yes	Yes	5	units
04-002	Variable Frequency Drive	<ul style="list-style-type: none"> ● Power rating 2.2KW ● Single phase ● Current rating 11 AMP ● Supply voltage 220-240 VAC ● Output frequency 0-550HZ ● fieldbus communication type : modbus ● With control panel ● Mounting type : wall mounting ● With accessories : Smart access module 	Equipment	Brochure with picture and data sheet	<ul style="list-style-type: none"> - Checking the conformity with the quantity including parts and accessories - Checking the conformity of hardware vis-a-vis offered specifications - Functionality testing 	1 Year	Yes	Yes	10	units

Item Code	Item Name	Agency Specification	Classification	Test Parameters (Post Evaluation)	Test Parameters (Inspection and Acceptance)	Onsite Warranty (Parts and Service)	Training	English Manual	Qty	Unit
04-003	Double Acting Cylinder	Pneumatic double acting Piston Diameter : 20mm Stroke length: Maximum 100 mm Cushioning : P flexible cushioning ring/pads on both sides Position sensing : For proximity sensor ISO 6432	Gadgets and Devices	Brochure with picture and data sheet	- Checking the conformity with the quantity including parts and accessories - Checking the conformity of hardware vis-a-vis offered specifications - Functionality testing	1 Year	N/A	N/A	50	pcs
04-004	Reed Switch	Switching output: N/O contact (PNP / NPN) with switching status indication Operating voltage: 24 V DC Output current: max. 100 mA With mounting system for cylinder diameter: 20 mm Compatible with double acting cylinder, item no. 19-001	Gadgets and Devices	Brochure with picture and data sheet	- Checking the conformity with the quantity including parts and accessories - Checking the conformity of hardware vis-a-vis offered specifications - Functionality testing	1 Year	N/A	N/A	100	pcs
04-005	5/2 Way Double Solenoid Valve	Pneumatic double solenoid valve Operating pressure : 150 – 800 kPa (1.5 – 8 bar) Electrical connection : via integrated 4mm safety sockets Power supply : 24VDC with LED	Gadgets and Devices	Brochure with picture and data sheet	- Checking the conformity with the quantity including parts and accessories - Checking the conformity of hardware vis-a-vis offered specifications - Functionality testing	1 Year	N/A	N/A	50	pcs

Item Code	Item Name	Agency Specification	Classification	Test Parameters (Post Evaluation)	Test Parameters (Inspection and Acceptance)	Onsite Warranty (Parts and Service)	Training	English Manual	Qty	Unit
04-006	5/2 Way Single Solenoid Valve	Pneumatic single solenoid valve Operating pressure : 250 – 800 KPa (2.5 – 8 bar) Electrical connection : via integrated 4mm safety sockets Power supply : 24VDC with LED	Gadgets and Devices	Brochure with picture and data sheet	- Checking the conformity with the quantity including parts and accessories - Checking the conformity of hardware vis-a-vis offered specifications - Functionality testing	1 Year	N/A	N/A	50	pcs
04-007	Filter Regulator Lubricator	Pneumatic Connection: G1/8 or G1/4 Pressure: 0.5 - 7 bar Flow rate: 400 - 650 l/min with pressure gauge Grade of filtration: max 40 µm, min 5 µm Condensate drain : MANUAL or AUTOMATIC	Tools and Measuring Instruments	Brochure with picture and data sheet	- Checking the conformity with the quantity including parts and accessories - Checking the conformity of hardware vis-a-vis offered specifications - Functionality testing	1 Year	N/A	N/A	20	pcs

I hereby commit to comply and deliver all the above requirements in accordance with the above stated schedule.

Name of Company/Bidder

Signature over Printed Name of Authorized Representative

Date

Technical Specifications

Lot 8 : IT Equipment

APPROVED BUDGET FOR THE CONTRACT : **Thirty-Nine Million Two Hundred Ninety-Five Thousand Three Hundred Fifty-Four Pesos and 68/100 (₱39,295,354.68)**

Item Code	Item Name	Agency Specification	Qty	Unit	Statement of Compliance*	Make Brand / Model	Reference
08-001	Computer Tower Workstation 32 GB with Dual Monitor	Kindly refer to the technical specifications attached as Annex B8 .	28	units			
08-002	Laptop i9	Kindly refer to the technical specifications attached as Annex B8 .	65	sets			
08-003	Laptop	Kindly refer to the technical specifications attached as Annex B8 .	10	sets			
08-004	Graphics Pen Tablet	Kindly refer to the technical specifications attached as Annex B8 .	28	sets			
08-005	UPS 600W	Kindly refer to the technical specifications attached as Annex B8 .	28	sets			
08-006	A3 Colour Laser Printer	Kindly refer to the technical specifications attached as Annex B8 .	2	sets			
08-007	A4 Printer	Kindly refer to the technical specifications attached as Annex B8 .	11	sets			

Item Code	Item Name	Agency Specification	Qty	Unit	Statement of Compliance*	Make Brand / Model	Reference
08-008	CAD Plotter	Kindly refer to the technical specifications attached as Annex B8 .	1	set			
08-009	Label Printer	Kindly refer to the technical specifications attached as Annex B8 .	5	units			
08-010	Flash Drive	Kindly refer to the technical specifications attached as Annex B8 .	25	pcs			
08-011	External Drive Storage	Kindly refer to the technical specifications attached as Annex B8 .	10	pcs			
08-012	Wired Headset	Kindly refer to the technical specifications attached as Annex B8 .	28	sets			
08-013	24U rack cabinet	Kindly refer to the technical specifications attached as Annex B8 .	1	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.

I hereby commit to comply and deliver all the above requirements in accordance with the above stated schedule.

Name of Company/Bidder	Signature over Printed Name of Authorized Representative	Date

REVISED

ANNEX B8

Item Code	Item Name	Agency Specification	Classification	Test Parameters (Post Evaluation)	Test Parameters (Inspection and Acceptance)	Onsite Warranty (Parts and Service)	Training	English Manual	Qty	Unit
08-001	Computer Tower Workstation 32 GB with Dual Monitor	<ul style="list-style-type: none">• Intel Xeon Processor W-2225 (4 cores, 4.1GHz to 4.6GHz Turbo, 8.25MB Cache, 105W)• Intel Integrated controller (RST-e) with 1-2 Front FlexBay NVMe PCIe Drives• 950W PCIe FlexBay Chassis CL• Slim ODD bezel, 100% tie with slim ODD• Precision TPM• 32GB 2x16GB DDR4 2933MHz RDIMM ECC Memory• 2 TB, M.2, PCIe NVMe, SSD, Class 40• 2 TB, 7200 RPM, 3.5-inch, SATA• Nvidia T400, 2GB, 3 mDP to DP adapter• CPU Heatsink• 3.5" 2TB 7200rpm SATA AG-Enterprise Hard Drive• M.2 carrier• Intel NVMe PCIe SSD (Front PCIe FlexBay)• Regulatory Label, APCC, 950W• Firmware and Driver for Intel 8265 Wi-Fi + Bluetooth module• Intel Dual Band Wireless AC 8265 (802.11ac) 2x2 + Bluetooth module• 125 V Power Cord• Wired Mouse and Keyboard (English)• Applications for Windows• Optimizer for Precision• Windows 10 Pro for Workstations (up to 4 cores, includes Windows 11 Pro License) English• Endpoint Security (EPS) - 1 year subscription• Anti-Virus, Endpoint Security, Anti	Equipment	Brochure with picture and data sheet	- Check package completeness - Functionality test	1 Year	Yes	Yes	28	units

Item Code	Item Name	Agency Specification	Classification	Test Parameters (Post Evaluation)	Test Parameters (Inspection and Acceptance)	Onsite Warranty (Parts and Service)	Training	English Manual	Qty	Unit
		<p>Ransomware, Email Protection, IDS/IPS Protection, Firewall Protection, Phishing Protection, Browsing Protection, SMS Notification, Vulnerability Scan, Roaming Platform, GoDeep AI, Asset Management, Spam Protection, Web Filtering, Advanced Device Control, Application Control, Tuneup, File Activity Monitor, Patch Management, Data Loss Prevention</p> <ul style="list-style-type: none"> • Monitor : 2 x 27 inches - Panel Type: IPS - Native Resolution: QHD 2560 x 1440 at 60 Hz - with stand - Warranty : At least one-year onsite warranty for parts, labor and support • Online Double Conversion Tower UPS - Capacity: 2000VA/1800W - Nominal Voltage: 220-240VAC - Input Voltage: 110-300VAC - Frequency Range: 40-70Hz - Power Factor: ≥ 0.99 - Transfer Time: Zero - Output Socket: 4 x Universal Type (Surge Protection & Battery Back-Up) - Waveform: Pure Sinewave - Battery Type: 4 x 12V 9Ah 								

Item Code	Item Name	Agency Specification	Classification	Test Parameters (Post Evaluation)	Test Parameters (Inspection and Acceptance)	Onsite Warranty (Parts and Service)	Training	English Manual	Qty	Unit
08-002	Laptop i9	<ul style="list-style-type: none"> • Core i9-12900H vPro with NVIDIA RTX A2000 8GB graphics, 24MB cache, 14 cores, 20 threads, 2.50 GHz to 5.00GHz, 45W • 15.6" FHD +1920 x 1200, 60Hz • 16GB, (2x 8GB) DDR5, 4800Mhz, Non-ECC SODIMM • M.2 2280 1 TB Gen 4 PCIe x 4 NVME, Solid State Drive • 3-cell 56Whr Lithium Ion Battery with Express Charge • USB Type-C to USB Type-A/HDMI Dongle • NVIDIA RTX A2000, 8GB DDR6 • 130W E5 Type C Power Adapter (EPEAT) • Wifi 6E (6Ghz) AX211 2x2 with Bluetooth Wireless • Wireless Intel AX 211 WLAN Driver • Windows 10 Pro (Includes Windows 11 Pro License) English • Batteries - 3 year warranty • Endpoint Security (EPS) - 1 year subscription • Anti-Virus, Endpoint Security , Anti Ransomware , Email Protection, IDS/IPS Protection, Firewall Protection, Phishing Protection, Browsing Protection , SMS Notification, Vulnerability Scan, Roaming Platform, GoDeep.AI, Asset Management, Spam Protection , Web Filtering, Advanced Device Control, Application Control , Tuneup, File Activity Monitor, Patch Management, Data Loss Prevention • Warranty : 3 years on parts, Labor and onsite support 	Equipment	Brochure with picture and data sheet	<ul style="list-style-type: none"> - Measurement of monitor - Functionality test - Checking of specification (offered vs. actual) - Check package completeness - 24 Burn-in test using PassMark 	1 Year	Yes	Yes	65	sets

Item Code	Item Name	Agency Specification	Classification	Test Parameters (Post Evaluation)	Test Parameters (Inspection and Acceptance)	Onsite Warranty (Parts and Service)	Training	English Manual	Qty	Unit
08-003	Laptop	<ul style="list-style-type: none"> • Processor: Intel Core i7 1165G7, 4 cores 8 threads, 12M cache, up to 4.70 GHz, 11th Gen or higher • Memory: 8GB DDR4 • Hard Drive: 1TB HDD + 256GB SSD • Graphics Card: 2GB MX330 • Display: 15.6" IPS, Full HD 1920 x 1080 • Built-in Gigabit Ethernet port • Operating System: Windows 10 Professional or higher • Includes Autovolt (80-240 VAC) power supply adapter 	Equipment	Brochure with picture and data sheet	<ul style="list-style-type: none"> - Measurement of monitor - Functionality test - Checking of specification (offered vs. actual) - Check package completeness - 24 Burn-in test using PassMark 	1 Year	Yes	Yes	10	sets

Item Code	Item Name	Agency Specification	Classification	Test Parameters (Post Evaluation)	Test Parameters (Inspection and Acceptance)	Onsite Warranty (Parts and Service)	Training	English Manual	Qty	Unit
08-004	Graphics Pen Tablet	<ul style="list-style-type: none"> • Display: 39.6 cm (15.6 in) / Full HD 1920 x 1080, IPS • Response Rate : 22 ms to 25 ms • Aspect Ratio / Brightness : 16:9 / 210 cd/m2 (typ) • Connectivity: 3-in-1 cable (with HDMI 1.4, USB 2.0 and AC Adapter - 12V, 3A, 36W) • Pen : Battery - Free Pro Pen 2 with customizable side switches and 8192 pressure levels in both pen tip and eraser (Patented electromagnetic resonance technology) • Pen Tilt Recognition / Range : +/- 60 levels / 60 degrees • Compatibility / System Requirements : Windows® 7 or later (latest service pack/build), OS X 10.12 or later (latest update); Internet access for driver download. • Included: Pen display, Pro Pen 2, detachable pen holder with 3 replacement nibs (standard) and nib removal tool, 3 in 1 cable (1.8m), Quick Start Guide, regulation sheet • 100-240 VAC, 50/60HZ • Warranty : 1 year standard warranty 	Equipment	Brochure with picture and data sheet	<ul style="list-style-type: none"> - Measurement of monitor - Functionality test - Checking of specification (offered vs. actual) - Check package completeness - 24 Burn-in test using PassMark 	1 Year	Yes	Yes	28	sets

Item Code	Item Name	Agency Specification	Classification	Test Parameters (Post Evaluation)	Test Parameters (Inspection and Acceptance)	Onsite Warranty (Parts and Service)	Training	English Manual	Qty	Unit
08-005	UPS 600W	<ul style="list-style-type: none"> Capacity: 1000VA/600W Voltage: 220-240VAC +/- 10% Frequency: 50/60Hz +/- 10% (auto-sensing) Sine-wave Battery: 12 V/7 AH x 2 Output Socket: 4 x Universal Type (Surge Protected & Battery Backed-Up) Warranty: At least one-year onsite warranty for parts, labor and support Compatible with Item 09-002 Standalone Computer 	Equipment	Brochure with picture and data sheet	<ul style="list-style-type: none"> Measurement of monitor Functionality test Checking of specification (offered vs. actual) Check package completeness 24 Burn-in test using PassMark 	1 Year	Yes	Yes	28	sets
08-006	A3 Colour Laser Printer	<ul style="list-style-type: none"> Maximum Print Resolution: 1200 x 1200 dpi Processor: min. 400MHz Memory (Min / Max): 256MB / 1,024MB (with optional 768MB module) Maximum Monthly Duty Cycle: Up to 100,000 pages Print Speed: (Black & Colour) Up to 35 ppm (Simplex) / Up to 25 ppm (Duplex) Input Capacity: Up to 405 sheets Output Capacity: Up to 250 sheets Support Paper Size: <ul style="list-style-type: none"> Paper Cassettes: A5, A4 (SEF, LEF), A3, B5, B4, Letter (SEF, LEF), Legal, US B, Custom: 210 x 148 mm to 297 x 431.8 mm MP Tray: A6, A5, A4 (SEF, LEF), A3, B5, B4, Half Letter, Executive, 8 x 10.5 in, 8.27 x 13 in, Letter (SEF, LEF), 8.5 x 13 in, Legal, US B, Monarch Envelopes: #10, DL, C6, C5, B5, Custom: 75 x 98 mm to 297 x 431.8 mm Connectivity: USB 3.0, Ethernet Power Source: AC 220-240 V, 50-60 Hz 	Equipment	Brochure with picture and data sheet	<ul style="list-style-type: none"> Functionality test Check package completeness 	1 Year	Yes	Yes	2	sets

Item Code	Item Name	Agency Specification	Classification	Test Parameters (Post Evaluation)	Test Parameters (Inspection and Acceptance)	Onsite Warranty (Parts and Service)	Training	English Manual	Qty	Unit
08-007	A4 Printer	<ul style="list-style-type: none"> • Print, Scan, Copy • Inkjet • Mac OS and Windows Compatible • 100 sheets input tray • 30 sheets output tray • A4, A5, A6, B5, B6, Legal, Letter, 5 x 7", 4 x 6", Envelopes: #10, DL, C6 • Maximum Resolution: 5760 x 1440 dpi • Ink tank: 1 black, 1 color (cyan, magenta, yellow) • Wi-Fi, Wi-Fi Direct • AC 220-240V, 50-60 Hz 	Equipment	Brochure with picture and data sheet	<ul style="list-style-type: none"> - Checking the conformity of hardware vis-a-vis offered specifications - Functionality test - Check package completeness 	1 Year	Yes	Yes	11	sets

Item Code	Item Name	Agency Specification	Classification	Test Parameters (Post Evaluation)	Test Parameters (Inspection and Acceptance)	Onsite Warranty (Parts and Service)	Training	English Manual	Qty	Unit
08-008	CAD Plotter	<ul style="list-style-type: none"> • 36-inch Large Format multifunction technical printer with built-in scanner • Top class line accuracy • Outstanding speeds of up to 2 A1 prints per minute • Precision Printhead Technology • Nozzle Configuration: 3,200 nozzles (800 nozzles x 4 channels x 1 head) • Pigment Ink: 4 Colours - Cyan, Magenta, Yellow, Black • Print Speed: CAD (A1): 22 sec • Max. Roll Diameter: 2/3" Core • Connectivity: USB, Ethernet Wi-Fi Direct • Printer Management: Edge Dashboard, Accounting Tool • Power Source: AC 100-240V, 50/60Hz, 2.8A <p>Included Software:</p> <ul style="list-style-type: none"> • Windows/Install Navi - Printer driver - Setup - Print - Net Config - Software Updater - Print Plug-in for Office - manuals • Mac Setup Navi • I/F: USB/LAN/WiFi 	Equipment	Brochure with picture and data sheet	- Functionality test - Check package completeness	1 Year	Yes	Yes	1	set

Item Code	Item Name	Agency Specification	Classification	Test Parameters (Post Evaluation)	Test Parameters (Inspection and Acceptance)	Onsite Warranty (Parts and Service)	Training	English Manual	Qty	Unit
08-009	Label Printer	<ul style="list-style-type: none"> • QWERTY Keyboard • Tape width: 6 - 24 mm • Supports 8-lines printing, 175 characters • Store up to 100 custom label designs, 460 symbols • PC / Mac - connectivity • includes: <ul style="list-style-type: none"> - 6mm label stickers/tape 10 pcs - 9mm label stickers/tape 10 pcs - 12mm label stickers/tape 10 pcs - 18mm label stickers/tape 10 pcs - 24mm label stickers/tape 10 pcs • 6 pcs AA battery • Warranty: 1 year parts, labor and onsite support 	Equipment	Brochure with picture and data sheet	<ul style="list-style-type: none"> - Checking the conformity with the quantity including parts and accessories - Checking the conformity of hardware vis-a-vis offered specifications - Functionality testing 	1 Year	N/A	N/A	5	units
08-010	Flash Drive	<ul style="list-style-type: none"> • Capacity: 256 GB • Interface: USB 3.0 • Connector: USB-A • Compatibility: USB 3.0 (backwards compatible with USB 2.0) • Read Speed: Up to 130MB/s 	Gadgets and Devices	Brochure with picture and data sheet	<ul style="list-style-type: none"> - Functionality test - Checking the conformity of hardware vis-a-vis offered specifications 	1 Year	N/A	N/A	25	pcs
08-011	External Drive Storage	<ul style="list-style-type: none"> • USB 3.0 • Capacity: 8TB • Max. Data Transfer: 160 MB/s or higher • Integrated USB Hub • Includes backup software, power adapter • 1-Year Warranty 	Gadgets and Devices	Brochure with picture and data sheet	<ul style="list-style-type: none"> - Functionality test - Checking the conformity of hardware vis-a-vis offered specifications 	1 Year	N/A	N/A	10	pcs

Item Code	Item Name	Agency Specification	Classification	Test Parameters (Post Evaluation)	Test Parameters (Inspection and Acceptance)	Onsite Warranty (Parts and Service)	Training	English Manual	Qty	Unit
08-012	Wired Headset	<ul style="list-style-type: none"> • Connectivity: Wired - USB-A • Connects to: Computer • Wearing Style: On-Ear • Boom, Noise-cancelling microphone • 1-year Warranty 	Gadgets and Devices	Brochure with picture and data sheet	<ul style="list-style-type: none"> - Checking the conformity of hardware vis-a-vis offered specifications - Functionality test - Check package completeness 	1 Year	N/A	Yes	28	sets
08-013	24U rack cabinet	<ul style="list-style-type: none"> • 4x 24U enclosure • Atleast 3 adjustable front and rear vertical mounting rails • Mid depth, extended to 33" for standard server installation • Locking, reversible front/rear doors and locking, removable side panels • Fully assembled for quick installation • Casters and leveling feet included • With 2x Cat5 upjacketed cable - total of 100m, U/UTP, 24 AWG bare copper 	Equipment	Brochure with picture and data sheet	<ul style="list-style-type: none"> - Functionality test - Check package completeness 	1 Year	Yes	Yes	1	set

I hereby commit to comply and deliver all the above requirements in accordance with the above stated schedule.

Name of Company/Bidder

Signature over Printed Name of Authorized Representative

Date

Technical Specifications

Lot 9 : **Multimedia Equipment**

APPROVED BUDGET FOR THE CONTRACT : **Thirty-Eight Million Five Hundred Thirty-Six Thousand Seventy-Seven Pesos and 45/100 (P38,536,077.45)**

Item Code	Item Name	Agency Specification	Qty	Unit	Statement of Compliance*	Make Brand / Model	Reference
09-001	3D Printer	Kindly refer to the technical specifications attached as Annex B9 .	5	sets			
09-002	IP 4K Pan-Tilt-Zoom Camera with NDI	Kindly refer to the technical specifications attached as Annex B9 .	4	units			
09-003	IP remote control panel for PTZ cameras	Kindly refer to the technical specifications attached as Annex B9 .	1	set			
09-004	55" LED TV Smart Multi View Monitor	Kindly refer to the technical specifications attached as Annex B9 .	3	sets			
09-005	55" LED TV Smart Monitor	Kindly refer to the technical specifications attached as Annex B9 .	1	set			
09-006	43" Teleprompter Monitor	Kindly refer to the technical specifications attached as Annex B9 .	1	set			
09-007	65" Interactive Display	Kindly refer to the technical specifications attached as Annex B9 .	7	sets			

Item Code	Item Name	Agency Specification	Qty	Unit	Statement of Compliance*	Make Brand / Model	Reference
09-008	Rack Frame	Kindly refer to the technical specifications attached as Annex B9 .	1	pc			
09-009	Embedder / Disembedder	Kindly refer to the technical specifications attached as Annex B9 .	2	units			
09-010	USB Audio Interface	Kindly refer to the technical specifications attached as Annex B9 .	2	units			
09-011	HDMI to USB 3.0 Capture Box	Kindly refer to the technical specifications attached as Annex B9 .	3	units			
09-012	Playback Software	Kindly refer to the technical specifications attached as Annex B9 .	1	license			
09-013	Digital Audio Mixer	Kindly refer to the technical specifications attached as Annex B9 .	1	set			
09-014	Digital Snake	Kindly refer to the technical specifications attached as Annex B9 .	1	set			
09-015	Wideband Wireless Receiver	Kindly refer to the technical specifications attached as Annex B9 .	1	set			

Item Code	Item Name	Agency Specification	Qty	Unit	Statement of Compliance*	Make Brand / Model	Reference
09-016	Narrow Band Beltpack Transmitter	Kindly refer to the technical specifications attached as Annex B9 .	2	sets			
09-017	Wideband Antenna w/ Booster	Kindly refer to the technical specifications attached as Annex B9 .	2	sets			
09-018	IEM Transmitter	Kindly refer to the technical specifications attached as Annex B9 .	1	set			
09-019	IEM Receiver	Kindly refer to the technical specifications attached as Annex B9 .	2	sets			
09-020	Digital Audio Reference Meter	Kindly refer to the technical specifications attached as Annex B9 .	1	set			
09-021	Speaker Monitor Powered	Kindly refer to the technical specifications attached as Annex B9 .	2	sets			
09-022	12" Powered Bi Amplified Monitor Speaker	Kindly refer to the technical specifications attached as Annex B9 .	2	sets			
09-023	Professional Large Diaphragm Headphone	Kindly refer to the technical specifications attached as Annex B9 .	12	sets			

Item Code	Item Name	Agency Specification	Qty	Unit	Statement of Compliance*	Make Brand / Model	Reference
09-024	Intercom System	Kindly refer to the technical specifications attached as Annex B9 .	1	set			
09-025	Channel A-B linking	Kindly refer to the technical specifications attached as Annex B9 .	2	sets			
09-026	Communication Headset	Kindly refer to the technical specifications attached as Annex B9 .	3	sets			
09-027	9" Communication Microphone	Kindly refer to the technical specifications attached as Annex B9 .	3	sets			
09-028	Studio Furnitures	Kindly refer to the technical specifications attached as Annex B9 .	6	sets			
09-029	DNXIQ I/O Interface	Kindly refer to the technical specifications attached as Annex B9 .	6	units			
09-030	16-17" Production Monitor	Kindly refer to the technical specifications attached as Annex B9 .	6	sets			
09-031	5" Powered Studio Bi amp Monitor	Kindly refer to the technical specifications attached as Annex B9 .	12	sets			

Item Code	Item Name	Agency Specification	Qty	Unit	Statement of Compliance*	Make Brand / Model	Reference
09-032	Advance Panel	Kindly refer to the technical specifications attached as Annex B9 .	1	unit			
09-033	Digital Audio Interface	Kindly refer to the technical specifications attached as Annex B9 .	3	units			
09-034	88Keys MIDI Keyboard Controller	Kindly refer to the technical specifications attached as Annex B9 .	1	set			
09-035	Eucon Desktop Control Surface Control Panel	Kindly refer to the technical specifications attached as Annex B9 .	3	units			
09-036	Smart-UPS 900W	Kindly refer to the technical specifications attached as Annex B9 .	6	sets			
09-037	Post Production Furniture	Kindly refer to the technical specifications attached as Annex B9 .	2	sets			
09-038	SDI/HDMI Wireless Video Transmission System	Kindly refer to the technical specifications attached as Annex B9 .	3	sets			
09-039	Short Shotgun Microphone	Kindly refer to the technical specifications attached as Annex B9 .	3	sets			

Item Code	Item Name	Agency Specification	Qty	Unit	Statement of Compliance*	Make Brand / Model	Reference
09-040	2-Person Camera-Mount Wireless Combo Microphone System Kit	Kindly refer to the technical specifications attached as Annex B9 .	3	sets			
09-041	Custom Server Rack	Kindly refer to the technical specifications attached as Annex B9 .	1	set			
09-042	17.3" Full HD 12G-SDI LCD Monitor	Kindly refer to the technical specifications attached as Annex B9 .	2	sets			
09-043	9 Feet x 12 Feet LED Wall Configuration	Kindly refer to the technical specifications attached as Annex B9 .	2	sets			
09-044	LED Video Wall Playback Software	Kindly refer to the technical specifications attached as Annex B9 .	1	set			
09-045	Multi Touch Interactive Whiteboard	Kindly refer to the technical specifications attached as Annex B9 .	16	sets			

* Bidders must state here either "Comply" or "Not Comply" against each of the individual parameters of each Specification stating the corresponding performance parameter of the equipment offered. Statements of "Comply" or "Not Comply" must be supported by evidence in a Bidders Bid and cross-referenced to that evidence. Evidence shall be in the form of manufacturer's un-amended sales literature, unconditional statements of specification and compliance issued by the manufacturer, samples, independent test data etc., as appropriate. A statement that is not supported by evidence or is subsequently found to be contradicted by the evidence presented will render the Bid under evaluation liable for rejection. A statement either in the Bidder's statement of compliance or the supporting evidence that is found to be false either during Bid evaluation, post-qualification or the execution of the Contract may be regarded as fraudulent and render the Bidder or supplier liable for prosecution subject to the applicable laws and issuances.

I hereby commit to comply and deliver all the above requirements in accordance with the above stated schedule.

Name of Company/Bidder

Signature over Printed Name of Authorized Representative

Date

REVISED

ANNEX B9

Item Code	Item Name	Agency Specification	Classification	Test Parameters (Post Evaluation)	Test Parameters (Inspection and Acceptance)	Onsite Warranty (Parts and Service)	Training	English Manual	Qty	Unit
09-001	3D Printer	3D Printer Properties Molding Technology: FDM (Fused Deposition Modeling) Printing Size: 400x400x400mm Supported Materials: PLA/TPU/PETG/ WOOD File Transfer: USB/Memory card 3D Printer Hardware Machine size : 725x640x691mm Motherboard: Silent motherboard Nominal Voltage: 100v-240v Rated Power: 500W Output Voltage: 24V 3D Printer Extruder Hardware Layer Thickness: 0.1-0.4mm Print Resolution: ±0.1mm Nozzle Temperature: ≤260°C Nozzle Diameter: standard 0.4mm Hotbed Temperature: ≤90°C Includes: • PLA 3D Printer Filament, 1.75mm, 1kg Clear Reusable Spool • Upgraded PLA 3D Printer Filament, 1.75mm, 200g x 5 Pack	Equipment	Brochure with picture and data sheet	- Functionality test - Check package completeness	1 Year	Yes	Yes	5	sets

Item Code	Item Name	Agency Specification	Classification	Test Parameters (Post Evaluation)	Test Parameters (Inspection and Acceptance)	Onsite Warranty (Parts and Service)	Training	English Manual	Qty	Unit
09-002	IP 4K Pan-Tilt-Zoom Camera with NDI	<ul style="list-style-type: none"> • NDI/HX capability with built-in 4K functions • Image Sensor: 1/2.3-5" MOS, approx. 58.5M pixels • Format: <ul style="list-style-type: none"> - 2160/23-30p - 1080/23-60p - 1080/59.94i, 50i - 720/50-60p • Minimum Illumination: 0.35 lux • Resolution: Max: 3840x2160 • Zoom: Min, 20x • Pan/Tilt Speed: Max 300°/s; Min. 90°/s • Focus, Exposure, White Balance: Auto/Manual • Compression Format: H.264, MJPEG, MPEG4 • Bitrate Setting: 512 Kbps ~ 50 Mbps • Protocols: IPv4, IPv6, TCP, UDP, ARP, ICMP, IGMP, HTTP, HTTPS, DHCP, DNS, RTP/RTCP, RTSP, UPnP, VISCA over IP • Power Supply: 100-240 AC 	Equipment	Brochure with picture and data sheet	<ul style="list-style-type: none"> - Functionality test - Check package completeness 	1 Year	Yes	Yes	4	units
09-003	IP remote control panel for PTZ cameras	<ul style="list-style-type: none"> • Max 112 IP connections • Max 5 controllers on single network • RJ45 Ethernet Port • With preset setting • With joystick • Power supply: 10-13.2V DC, 3.6W 	Equipment	Brochure with picture and data sheet	<ul style="list-style-type: none"> - Functionality test - Check package completeness 	1 Year	Yes	Yes	1	set
09-004	55" LED TV Smart Multi View Monitor	<ul style="list-style-type: none"> • 55" monitor • UHD 12G-SDI LCD Monitor • 3840 x 2160 resolution • Backlight Type: Direct (Full Array LED) • HDR (High Dynamic Range) Compatibility: (HDR10, HLG, Dolby Vision) • Picture Processor: Cognitive Processor XR • Smart TV (Google TV) • Power Supply- 110 V – 240 V AC, 50-60Hz 	Equipment	Brochure with picture and data sheet	<ul style="list-style-type: none"> - Measurement of monitor - Functionality test - Check package completeness 	1 Year	Yes	Yes	3	sets

Item Code	Item Name	Agency Specification	Classification	Test Parameters (Post Evaluation)	Test Parameters (Inspection and Acceptance)	Onsite Warranty (Parts and Service)	Training	English Manual	Qty	Unit
09-005	55" LED TV Smart Monitor	<ul style="list-style-type: none"> • 55" screen size Smart TV • 3840 x 2160 UHD LED • Brightness: Min. 350 nit • Contrast: Min. 4000:1 • HDR Compatible • Built-in WiFi • 2 USB 2.0 ports, 1-2 output • Power Supply: 110 V – 240 V AC, 50-60Hz 	Equipment	Brochure with picture and data sheet	<ul style="list-style-type: none"> - Functionality test - Check package completeness 	1 Year	Yes	Yes	1	set
09-006	43" Teleprompter Monitor	<ul style="list-style-type: none"> • 43" monitor • 1920 x 1080 Full HD • HDMI 2 input • HDR compatible • With Customized Stand • Power Supply: 100-240V AC, 50/60Hz 	Equipment	Brochure with picture and data sheet	<ul style="list-style-type: none"> - Measurement of monitor - Functionality test - Check package completeness 	1 Year	Yes	Yes	1	set
09-007	65" Interactive Display	<ul style="list-style-type: none"> • Display 3,840 x 2,160 (UHD) • IPS Technology • Brightness : 350nit (w Glass, Typ.) • Multi Touch Point : 20 Points (Max.) • Interface : HDMI, RGB, Audio In, RS-232C In, RJ45, USB 3.0 Type A, USB 2.0 Type A, Audio Out / Optical Output, Touch USB • Integrated module plug-in • Windows 10 • Mobile Stand • Power Supply: 100-240 V AC, 50/60 Hz 	Equipment	Brochure with picture and data sheet	<ul style="list-style-type: none"> - Measurement of monitor - Functionality test - Check package completeness 	1 Year	Yes	Yes	7	sets

Item Code	Item Name	Agency Specification	Classification	Test Parameters (Post Evaluation)	Test Parameters (Inspection and Acceptance)	Onsite Warranty (Parts and Service)	Training	English Manual	Qty	Unit
09-008	Rack Frame	<ul style="list-style-type: none"> • 2RU frame with up to 20 slot capacity • 600 watts total power • Integrated LCD display for name, IP address and fault identification • With glowing displays for customized identification and alarming • Support for analog, digital, video, audio, SDI and IP modules in the same frame • Removable front door and air filter • Uses Dashboard control system • Includes preinstalled standard network card (MFC-8322-S) 	Equipment	Brochure with picture and data sheet	<ul style="list-style-type: none"> - Functionality test - Check package completeness 	1 Year	N/A	N/A	1	pc
09-009	Embedder / Disembedder	<ul style="list-style-type: none"> • openGear compatible card • 3G-SDI Embedder/Disembedder • 8-Channel Balanced Analog Audio I/O • Controlled by Dashboard network control software and external DIP switch • 8x 3-Pin Terminal Block connectors (included) • Compatible with OGX, OG3 and DFR-8321 openGear frames 	Equipment	Brochure with picture and data sheet	<ul style="list-style-type: none"> - Functionality test - Check package completeness 	1 Year	Yes	Yes	2	units
09-010	USB Audio Interface	<ul style="list-style-type: none"> • Three ultra-low-noise microphone preamps • Create a mix using the built-in 3 x 2 portable mixer • 5-in, 2-out USB audio interface streams to computer via USB-C 	Gadgets and Devices	Brochure with picture and data sheet	<ul style="list-style-type: none"> - Functionality test - Check package completeness 	1 Year	Yes	Yes	2	units
09-011	HDMI to USB 3.0 Capture Box	<ul style="list-style-type: none"> • USB 3.0 Interface • Plug-and-Play • Compatible with various operating systems • Stereo line in external audio 	Gadgets and Devices	Brochure with picture and data sheet	<ul style="list-style-type: none"> - Functionality test - Check package completeness 	1 Year	Yes	Yes	3	units

Item Code	Item Name	Agency Specification	Classification	Test Parameters (Post Evaluation)	Test Parameters (Inspection and Acceptance)	Onsite Warranty (Parts and Service)	Training	English Manual	Qty	Unit
09-012	Playback Software	<ul style="list-style-type: none"> • Live switching video sources • Transitions • Lower Thirds • Chroma Keying, Green Screen • Picture-in-Picture • Mix Audio Inputs • Instant Replay • Social Media Integrations • Compatible with Apple Mac computer, 64-bit, macOS 10.x or newer 	Software	Brochure with picture and data sheet	<ul style="list-style-type: none"> - Functionality test - Check package completeness 	1 Year	Yes	Yes	1	license
09-013	Digital Audio Mixer	<ul style="list-style-type: none"> • Up to 40 Simultaneous Input Channels • 25 Phase-Coherent Mix Buses • 16 Microphone Preamps • 5" Full-Color TFT Display Screen • 8 Stereo Signal Processing FX Engines • 17 Motorized Faders • 192 kHz ADC & DAC Converters • AES50 Networking Allows 96-In & 96-Out • 8 DCA & 6 Mute Groups • Inclusive of Dant / Mad/ AES 50 Compatible Optional Cards • Power Supply: 100-240 VAC (50/60 Hz) +/- 10% 	Equipment	Brochure with picture and data sheet	<ul style="list-style-type: none"> - Functionality test - Check package completeness 	1 Year	Yes	Yes	1	set
09-014	Digital Snake	<ul style="list-style-type: none"> • 32 Mic Preamps with +48V • 16 Low Impedance Line Level Outputs • Ultraneer Monitoring System Connectivity • Dual ADAT Outputs • Dual AES50 Ports for Cascading Units • Remote Operation Up to 100 m via CAT5 • Rugged 3U Rackmount Chassis 	Equipment	Brochure with picture and data sheet	<ul style="list-style-type: none"> - Functionality test - Check package completeness 	1 Year	Yes	Yes	1	set
09-015	Wideband Wireless Receiver	<ul style="list-style-type: none"> • Dual true diversity in a 19" 1U stand-alone format range • Switching bandwidth up 370 MHz in the UHF range • 40 groups of 60 frequencies, fully user programmable • Multi-companion operation 	Equipment	Brochure with picture and data sheet	<ul style="list-style-type: none"> - Functionality test - Check package completeness 	1 Year	Yes	Yes	1	set

Item Code	Item Name	Agency Specification	Classification	Test Parameters (Post Evaluation)	Test Parameters (Inspection and Acceptance)	Onsite Warranty (Parts and Service)	Training	English Manual	Qty	Unit
09-016	Narrow Band Beltpack Transmitter	<ul style="list-style-type: none"> Narrowband is Compatible with MPR52 & MRK980 Receivers Not compatible with the MCR42s receiver Linear Mode for Intermod free transmission Narrowband RF transmission – 25KHz tuning bandwidth 	Gadgets and Devices	Brochure with picture and data sheet	<ul style="list-style-type: none"> Functionality test Check package completeness 	1 Year	Yes	Yes	2	sets
09-017	Wideband Antenna w/ Booster	<ul style="list-style-type: none"> Working bandwidth of 470-870 MHz Sturdy metal body construction and epoxy protection on cable joints Optimized 6dB gain with a typical beam-width of 90 degrees Very high linear booster (OIP3 40 dBm) with 15 dB gain settable in one step dB step 	Equipment	Brochure with picture and data sheet	<ul style="list-style-type: none"> Functionality test Check package completeness 	1 Year	Yes	Yes	2	sets
09-018	IEM Transmitter	<ul style="list-style-type: none"> 330 MHz Bandwidth (470-800 MHz) Stereo, mono, intercom audio modulation 2400 user-defined frequencies (40 group by 60 freq.) Analog & digital input (AES3) 	Gadgets and Devices	Brochure with picture and data sheet	<ul style="list-style-type: none"> Functionality test Check package completeness 	1 Year	Yes	Yes	1	set
09-019	IEM Receiver	<ul style="list-style-type: none"> Up to 790 MHz bandwidth in 470/1260 MHz range 2 Channel Receive Wideband and Narrowband DSP-FM operation DSP Analogue & Digital Audio Output (AES3) 	Gadgets and Devices	Brochure with picture and data sheet	<ul style="list-style-type: none"> Functionality test Check package completeness 	1 Year	Yes	Yes	2	sets
09-020	Digital Audio Reference Meter	<ul style="list-style-type: none"> Two Channel Digital Loudness Meter 2 RU, curved side-by-side 	Electronic Instruments	Brochure with picture and data sheet	<ul style="list-style-type: none"> Functionality test Check package completeness 	1 Year	Yes	Yes	1	set
09-021	Speaker Monitor Powered	<ul style="list-style-type: none"> 5" Bi Amplified Nearfield Monitor 47Hz-25kHz (-6 dB) frequency response Rear Ported 100W, 100-240 V AC 50/60 Hz 	Equipment	Brochure with picture and data sheet	<ul style="list-style-type: none"> Functionality test Check package completeness 	1 Year	Yes	Yes	2	sets

Item Code	Item Name	Agency Specification	Classification	Test Parameters (Post Evaluation)	Test Parameters (Inspection and Acceptance)	Onsite Warranty (Parts and Service)	Training	English Manual	Qty	Unit
09-022	12" Powered Bi Amplified Monitor Speaker	<p>12" two-way bass reflex</p> <ul style="list-style-type: none"> Power Rating (W, Continuous): 500 Power Rating (W, Peak): 1000 Frequency Response Hz (± 3 dB): 57 - 20,000 Maximum SPL (peak dB): 126 Coverage Pattern (Nominal): 100° x 60° 	Equipment	Brochure with picture and data sheet	<ul style="list-style-type: none"> - Functionality test - Check package completeness 	1 Year	Yes	Yes	2	sets
09-023	Professional Large Diaphragm Headphone	<ul style="list-style-type: none"> • Wired, dynamic, closed ear-design • 40mm driver unit and Neodymium magnet • 1000mW, 10-20kHz, 63 Ohms, 106dB • Max. 9.8 foot cord with 1/4" gold plated stereo unimatch plug 	Gadgets and Devices	Brochure with picture and data sheet	<ul style="list-style-type: none"> - Functionality test - Check package completeness 	1 Year	Yes	Yes	12	sets
09-024	Intercom System	<ul style="list-style-type: none"> • 2 RU 4-channel main station with programmable front panel buttons, individual channel short-circuit protection, individual channel volume control, and a regulated fail-safe power supply • With built-in speaker • Supports up to 55 beltpacks or 10 speaker stations, or 12 headset stations • Microphone Input: Electret (Panel), Dynamic (Headset), $\geq 1K - \geq 2K$ Impedance, $\geq 17dB - \geq 20dB$ • Atleast 200 - 10kHz $\pm 3dB$ frequency response • $\leq 0.5\%$ max. distortion • Atleast $< -50dBu$ noise • Power: 100-240V AC, 50-60Hz 	Equipment	Brochure with picture and data sheet	<ul style="list-style-type: none"> - Functionality test - Check package completeness 	1 Year	Yes	Yes	1	set

Item Code	Item Name	Agency Specification	Classification	Test Parameters (Post Evaluation)	Test Parameters (Inspection and Acceptance)	Onsite Warranty (Parts and Service)	Training	English Manual	Qty	Unit
09-025	Channel A-B linking	<ul style="list-style-type: none"> • 2 RU 2-channel main station with programmable front panel buttons, individual channel short-circuit protection, individual channel volume control, and a regulated fail-safe power supply • With built-in speaker • Supports up to 55 beltpacks or 10 speaker stations • Microphone Input: Electret (Panel), Dynamic (Headset), $\geq 1K - \geq 2K$ impedance, $\geq 15dB - \geq 20dB$ • Atleast 200 - 10kHz $\pm 3dB$ frequency response • $\leq 0.5\%$ max. distortion • Atleast $< -50dBu$ noise • Power: 100-240V AC, 50-60Hz 	Equipment	Brochure with picture and data sheet	<ul style="list-style-type: none"> - Functionality test - Check package completeness 	1 Year	Yes	Yes	2	sets
09-026	Communication Headset	<ul style="list-style-type: none"> • Single Ear Headset • Headphone: <ul style="list-style-type: none"> - Closed-back - 40mm diameter, neodymium magnet, copper-clad aluminum wire voice coil - 40Hz - 20kHz frequency response - $-61dB \pm 3.5dB$ • Microphone: <ul style="list-style-type: none"> - Dynamic, hyper-cardioid - 40mm diameter, neodymium magnet, copper-clad aluminum wire voice coil - 300Hz - 20kHz frequency response - $102dB \pm 3dB$ • Impedance Mic/Headphone: 200ohms/400ohms • Cushioned with soft leatherette padding • 300-degrees boom mic rotation • Compatible with Item 04-034 Intercom System and 04-035 Channel A-B linking 	Gadgets and Devices	Brochure with picture and data sheet	<ul style="list-style-type: none"> - Functionality test - Check package completeness 	1 Year	Yes	Yes	3	sets

Item Code	Item Name	Agency Specification	Classification	Test Parameters (Post Evaluation)	Test Parameters (Inspection and Acceptance)	Onsite Warranty (Parts and Service)	Training	English Manual	Qty	Unit
09-027	9" Communication Microphone	<ul style="list-style-type: none"> • 9" plug-in gooseneck microphone • Gold-plated, threaded, and locking 3-conductor quarter-inch connector • Uni-directional electret condenser microphone • Side and rear rejection of greater than 6 dB between 100 Hz and 10 kHz • Includes fitted windscreens • Compatible with Item 09-024 Intercom System and 09-025 Channel A-B linking • Sit-Stand Workstation • Patented Stabilization System • 3 Height Programmable Memory • 200 lb Lifting Capacity - Evenly Distributed • Monitor arm (4.5-17 lb capacity) • 160 speaker mounts (2) • Utility shelves (2) • Pull-out keyboard tray • CPU mount • Dual 8 Space Rack Bays - 1st rack space (on each bay) has a 3.75" depth restriction • Steel Legs with Floor Levelers • Aluminum Extrusion Accessory Rail • Power: 100-240V AC 	Gadgets and Devices	Brochure with picture and data sheet	<ul style="list-style-type: none"> - Functionality test - Check package completeness 	1 Year	Yes	Yes	3	sets
09-028	Studio Furnitures	<ul style="list-style-type: none"> • Patented Stabilization System • 3 Height Programmable Memory • 200 lb Lifting Capacity - Evenly Distributed • Monitor arm (4.5-17 lb capacity) • 160 speaker mounts (2) • Utility shelves (2) • Pull-out keyboard tray • CPU mount • Dual 8 Space Rack Bays - 1st rack space (on each bay) has a 3.75" depth restriction • Steel Legs with Floor Levelers • Aluminum Extrusion Accessory Rail • Power: 100-240V AC 	Equipment	Brochure with picture and data sheet	<ul style="list-style-type: none"> - Functionality test - Check package completeness 	1 Year	Yes	Yes	6	sets
09-029	DNXIQ I/O Interface	<ul style="list-style-type: none"> • Analog and digital I/O for SD-4K capture • HDR monitoring and output • Built-in baseband encoding to UHD TV post-production codec • Audio punch-in to film and video editing software application or non-linear editing system • Audio Mastering • Connects to the widest range of cameras and devices • 12V-24V DC • 1 year warranty 	Equipment	Brochure with picture and data sheet	<ul style="list-style-type: none"> - Functionality test - Check package completeness 	1 Year	Yes	Yes	6	units

Item Code	Item Name	Agency Specification	Classification	Test Parameters (Post Evaluation)	Test Parameters (Inspection and Acceptance)	Onsite Warranty (Parts and Service)	Training	English Manual	Qty	Unit
09-030	16-17" Production Monitor	<ul style="list-style-type: none"> • 16-17" Diagonal Screen Size • Supports 1080p60 Video Signals • SDI Inputs with Active Loop-Through Out • 178°/178° H/V Viewing Angle • Embedded Audio Decoding and Display • 1920 x 1080 Native Resolution • 2 x 3G/HD/SD-SDI Inputs • HDMI and Composite Inputs • Waveform, Vectorscope, Focus Peaking • 12 VDC Input on 4-Pin XLR • For post production • Power: 100 - 240V AC, 50-60Hz • 1 year warranty 	Equipment	Brochure with picture and data sheet	<ul style="list-style-type: none"> - Measurement of monitor - Functionality test - Check package completeness 	1 Year	Yes	Yes	6	sets
09-031	5" Powered Studio Bi amp Monitor	<ul style="list-style-type: none"> • LF Driver Size: 5" • Frequency Response 43Hz - 40KHz • Max SPL 104dB • Power Output 55 Watts • Input Impedance 5.12KΩ Balanced • Balanced TRS/XLR Combo Jacks • Output Power: 70W • For post production • 1 year warranty 	Equipment	Brochure with picture and data sheet	<ul style="list-style-type: none"> - Measurement of monitor - Functionality test - Check package completeness 	1 Year	Yes	Yes	12	sets
09-032	Advance Panel	<ul style="list-style-type: none"> • Y Lift, Y Gamma and Y Gain • Contrast and Pivot • Midtone Detail • Color Boost • Shadows and Highlights • Saturation • Luminance Mix • Mac/PC compatible • 1 year warranty 	Equipment	Brochure with picture and data sheet	<ul style="list-style-type: none"> - Functionality test - Check package completeness 	1 Year	Yes	Yes	1	unit

Item Code	Item Name	Agency Specification	Classification	Test Parameters (Post Evaluation)	Test Parameters (Inspection and Acceptance)	Onsite Warranty (Parts and Service)	Training	English Manual	Qty	Unit
09-033	Digital Audio Interface	<ul style="list-style-type: none"> • Eight of the best performing mic preamps • Four monitor outs • Two high headroom instrument inputs • Built-in talkback mic • Includes 12V-48V DC power supply • Mac/PC compatible • 1 year warranty 	Equipment	Brochure with picture and data sheet	<ul style="list-style-type: none"> - Functionality test - Check package completeness 	1 Year	Yes	Yes	3	units
09-034	88Keys MIDI Keyboard Controller	<ul style="list-style-type: none"> • 88-key hammer-action Fatar keybed with true piano fee • Intuitive integration with all your virtual instruments and effects • Two high-res color screens and Light Guide for at-a-glance visual feedback • Comes with essential production suite, including premium instruments, and effects, and sounds covering any genre for artists and max 50 GB library 	Equipment	Brochure with picture and data sheet	<ul style="list-style-type: none"> - Functionality test - Check package completeness 	1 Year	Yes	Yes	1	set

Item Code	Item Name	Agency Specification	Classification	Test Parameters (Post Evaluation)	Test Parameters (Inspection and Acceptance)	Onsite Warranty (Parts and Service)	Training	English Manual	Qty	Unit
09-035	Eucon Desktop Control Surface Control Panel	<ul style="list-style-type: none"> • 8-unit touch-sensitive and motorized faders, touch-sensitive knobs, and touchscreen-integrated keys • High-speed EuCon Ethernet protocol • High-resolution OLED displays, Automation LEDs, track color switches • Connect multiple units together or add an optional Pro Tools/Dock to create a single extended, integrated surface with a jog wheel, transport controls, focus fader, and more • High-res metering, including gain reduction, 9, 1 surround support, automation status, EQ, dynamics, and panning graphs • Compatible with Pro Tools, Cubase, Logic Pro, Premiere Pro, Nuendo, and the free Control app for iOS and Android • Includes Autovolt (80-240 VAC) power supply adapter • Mac/PC compatible • 1 year warranty 	Equipment	Brochure with picture and data sheet	- Functionality test - Check package completeness	1 Year	Yes	Yes	3	units
09-036	Smart-UPS 900W	<ul style="list-style-type: none"> • Patented Stabilization System • 3 Height Programmable Memory • 200 lb Lifting Capacity • Monitor arm (4.5-17 lb capacity) • 160 speaker mounts (2) • Utility shelves (2) • Pull-out keyboard tray • CPU mount • Dual 8 Space Rack Bays - 1st rack space (on each bay) has a 3.75" depth restriction • Heavy Duty Steel Legs with Floor Levelers • Aluminum Extrusion Accessory Rail 	Equipment	Brochure with picture and data sheet	- Functionality test - Check package completeness	1 Year	Yes	Yes	6	sets
09-037	Post Production Furniture	<ul style="list-style-type: none"> • Patented Stabilization System • 3 Height Programmable Memory • 200 lb Lifting Capacity • Monitor arm (4.5-17 lb capacity) • 160 speaker mounts (2) • Utility shelves (2) • Pull-out keyboard tray • CPU mount • Dual 8 Space Rack Bays - 1st rack space (on each bay) has a 3.75" depth restriction • Heavy Duty Steel Legs with Floor Levelers • Aluminum Extrusion Accessory Rail 	Electronic Furniture	Brochure with picture and data sheet	- Functionality test - Check package completeness	1 Year	Yes	Yes	2	sets

Item Code	Item Name	Agency Specification	Classification	Test Parameters (Post Evaluation)	Test Parameters (Inspection and Acceptance)	Onsite Warranty (Parts and Service)	Training	English Manual	Qty	Unit
09-038	SDI/HDMI Wireless Video Transmission System	<ul style="list-style-type: none"> • Entry-Level 1080p60 Transmitter/Receiver • SDI/HDMI Input and Output • 400' Range: L-Series Battery Plates • Wi-Fi Transmission to 4 Mobile Devices • Fits Mats 300/400/400S or 400S Pro • Hot Shoe to 1/4"-20 Male Post Adapter • Compatible with DSLR/SLR camera, camcorder, laptop, monitor, tablet, cellphone • With case 	Gadgets and Devices	Brochure with picture and data sheet	<ul style="list-style-type: none"> - Functionality test - Check package completeness 	1 Year	Yes	Yes	3	sets
09-039	Short Shotgun Microphone	<ul style="list-style-type: none"> • For Indie Films, TV & Documentaries • Switchable Low-Cut Filter • Phantom Powered • High Sensitivity Requires Less Gain • Operating Voltage: 40 to 52 V (Phantom Power) 	Equipment	Brochure with picture and data sheet	<ul style="list-style-type: none"> - Functionality test - Check package completeness 	1 Year	Yes	Yes	3	sets

Item Code	Item Name	Agency Specification	Classification	Test Parameters (Post Evaluation)	Test Parameters (Inspection and Acceptance)	Onsite Warranty (Parts and Service)	Training	English Manual	Qty	Unit
09-040	2-Person Camera-Mount Wireless Combo Microphone System Kit	<ul style="list-style-type: none"> • 2-Channel Camera-Mount Receiver • 2 x Omnidirectional Lav Mics • 2 x Bodypack Transmitters • Waterproof Case & Receiver Output Cables • Plug-On, Omni Handheld Mic • Battery operated, 2 AA • Compatible with 600mhz frequency allocation 	Equipment	Brochure with picture and data sheet	<ul style="list-style-type: none"> - Functionality test - Check package completeness 	1 Year	Yes	Yes	3	sets
09-041	Custom Server Rack	<ul style="list-style-type: none"> • Width: EIA Standard 19" Rack Rails • External Width: 23.6" – 600mm • Height: 78.74" – 2,000mm – Rack Units: 42U • Depths: 39.37" & 41.34" • Sidewalls, Split rear Doors • Baying Kits, Toolless Shelves, Casters, Bolt Down Kits, Cable Management • Power Strips – Vertical or Rackmount, Enclosure Monitoring System • Toolless Blanking Panels, Fans 	Equipment	Brochure with picture and data sheet	<ul style="list-style-type: none"> - Functionality test - Check package completeness 	1 Year	Yes	Yes	1	set

Item Code	Item Name	Agency Specification	Classification	Test Parameters (Post Evaluation)	Test Parameters (Inspection and Acceptance)	Onsite Warranty (Parts and Service)	Training	English Manual	Qty	Unit
09-042	17.3" Full HD 12G-SDI LCD Monitor	<ul style="list-style-type: none"> • With DCI 4K Support • 17.3" 1920 x 1080 Native 10-Bit Panel • Supports HDR and Gamma Selection • 178° Viewing Angle Top/Bot, L/R • Built-in Signal Analyzers • Timecode and Audio Level Meter Display • Supports SD/HD/4K DCI and UHD up to 60p • Color Space Adjustment via 3D LUT • HDMI, SFP, 12G-SDI, 3G-SDI Inputs • Safe Area Markers and Focus Aid Function • 12 VDC and 110/220 AC Power 	Equipment	Brochure with picture and data sheet	- Functionality test - Check package completeness	1 Year	Yes	Yes	2	sets
09-043	9 Feet x 12 Feet LED Wall Configuration	<ul style="list-style-type: none"> • IP 67 Compliant or IP 65 Compliant • Pixel Configuration 3-in-1 SMD • Module Resolution 32*32 • Module Pixels 1024 dots • Module Size 192*192mm • Cabinet Size (W*H) 960*960mm • Pixel Density 4000dots/m2 or higher • Physical Resolution of Panel (W x H) 96 x 192 • Weight Per Panel: Should not be more than 25 kg/panel • Custom Reinforce Support and mounting System 	Equipment	Brochure with picture and data sheet	- Functionality test - Check package completeness	1 Year	Yes	Yes	2	sets
09-044	LED Video Wall Playback Software	LED Video Wall Playback Software Live Composite and Effects Real Time Rendering Audio & Visual Plugins	Software	Brochure with picture and data sheet	- Functionality test - Check package completeness	1 Year	Yes	Yes	1	set

Item Code	Item Name	Agency Specification	Classification	Test Parameters (Post Evaluation)	Test Parameters (Inspection and Acceptance)	Onsite Warranty (Parts and Service)	Training	English Manual	Qty	Unit
09-045	Multi Touch Interactive Whiteboard	<ul style="list-style-type: none"> • Screen Size:86" • Panel Technology: IPS • Aspect Ratio: 16:09 • Multi Touch: Max 20 points / Max 10 writing & dual pen compatible • Native Resolution: Ultra HD (3,840 x 2,160 resolution) • (Input) Video / Audio: HDMI (3), RGB / Audio In • (Input) External Control: RS232C In, RJ45 • (Input) USB: USB 2.0 (3, Front : 2ea, Bottom side: 1ea Only for software update), USB 3.0 (3), Touch Out (USB2.0, B Type) (2) • Monitor Dimension (W x H x D): 1,957x1,160x86mm • Speaker: Built in 24W (12W + 12W) • Operating System Support: Windows 7/8/10/WindowsXP/Linux/Mac/Android (WindowsXP/Linux/Mac Support one point touch) • Built-in OPS kit • Supports Air Class & screen sharing • With Modular On-Board-Processing-System Accessory Basic: Power Cord 3 M*1, USB Cable (Type A-Type B) 5 M*1, HDMI Cable 3 M*1, Writing Pen*2pcs, User Manual, QSG, Carton Box, Remote Control • Power Supply: 100-240 V~, 50/60 Hz 	Equipment	Brochure with picture and data sheet	- Functionality test - Check package completeness	1 Year	Yes	Yes	16	sets

I hereby commit to comply and deliver all the above requirements in accordance with the above stated schedule.

Name of Company/Bidder

Signature over Printed Name of Authorized Representative

Date