



Contract ID : PCHRD – PB – 2020 – 04
 Contract Name : Procurement of Supply and Delivery of Various IT Equipment
 Contract Location : DOST-PCHRD Office, PCHRD Saliksik Building, Sikap Street,
 DOST Main Compound, Gen. Santos Ave., Bicutan, Taguig City

SUPPLEMENTAL / BID BULLETIN NO. 1

October 23, 2020

Subject : Modification / Amendment of some provisions in the Bidding Documents

In connection with the project stated above advertised at the PhilGEPS and PCHRD Website on October 15, 2020; this Supplemental / Bid Bulletin No. 1 is issued to modify or amend some provisions in the Bidding Documents and response to queries raised by the suppliers during Pre-Bid Conference. Attached are the updated **Checklist of Technical and Financial Documents (with Sample Bidding Forms); Schedule of Requirements; Technical Specifications; and Bill of Quantities:**

ORIGINAL PROVISION				AMENDMENT / CHANGE / CLARIFICATION				
<i>From:</i>				<i>To:</i>				
<i>Section I. Invitation to Bid</i>				<i>Section I. Invitation to Bid</i>				
<i>Paragraph no. 1:</i>				<i>Paragraph no. 1:</i>				
LOT	DESCRIPTION	QTY	TOTAL	LOT	DESCRIPTION	QTY	TOTAL	
A	Laptop (A)	2	P 415,000.00	A	Laptop (A)	2	P 1,053,500.00	
	Laptop (B)	3			Laptop (B)	2		
B	LED Television	5	P 617,500.00		Server (Rack type, Linux/Unix OS)	1		P 1,400,000.00
		1			Access Point	13		
C	Server (Rack type, Linux/Unix OS)	1	P 400,000.00	B	LED Television	5	P 617,500.00	
D	Book Scanner (Heavy Duty)	1	P 1,400,000.00	C	Book Scanner (Heavy Duty)	1	P 1,400,000.00	
E	Access Point	13	P 238,500.00		GRAND TOTAL	PhP	3,071,000.00	
	GRAND TOTAL	PhP	3,071,000.00					
<i>From:</i>				<i>To:</i>				
<i>Section II. Instructions to Bidders</i>				<i>Section II. Instructions to Bidders</i>				
<i>1. Scope of Bid</i>				<i>1. Scope of Bid</i>				
XXXX				XXXX				
The Procurement Project (referred to				The Procurement Project (referred to				

<p>herein as “Project”) is composed of five (5) lots, the details of which are described in Section VII (Technical Specifications).</p>	<p>herein as “Project”) is composed of three (3) lots, the details of which are described in Section VII (Technical Specifications).</p>
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<p>From:</p> <p>Section III. Bid Data Sheet</p> <p>14.1 The bid security shall be in the form of a Bid Securing Declaration, or any of the following forms and amounts:</p> <ul style="list-style-type: none"> ➤ Cash, Cashier’s / Manager’s Check, Bank Draft / Guarantee or Irrevocable Letter of Credit (2% of ABC) <ul style="list-style-type: none"> • LOT A – P 8,300.00 • LOT B – P 12,350.00 • LOT C – P 8,000.00 • LOT D – P 28,000.00 • LOT E – P 4,770.00 ➤ Surety Bond (5% of ABC) <ul style="list-style-type: none"> • LOT A – P 20,750.00 • LOT B – P 30,875.00 • LOT C – P 20,000.00 • LOT D – P 70,000.00 • LOT E – P 11,925.00 	<p>To:</p> <p>Section III. Bid Data Sheet</p> <p>14.1 The bid security shall be in the form of a Bid Securing Declaration, or any of the following forms and amounts:</p> <ul style="list-style-type: none"> ➤ Cash, Cashier’s / Manager’s Check, Bank Draft / Guarantee or Irrevocable Letter of Credit (2% of ABC) <ul style="list-style-type: none"> • LOT A – P 21,070.00 • LOT B – P 12,350.00 • LOT C – P 28,000.00 ➤ Surety Bond (5% of ABC) <ul style="list-style-type: none"> • LOT A – P 52,675.00 • LOT B – P 30,875.00 • LOT C – P 70,000.00
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<p>From:</p> <p>Section III. Bid Data Sheet</p> <p>19.3:</p>	<p>To:</p> <p>Section III. Bid Data Sheet</p> <p>19.3:</p>
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LOT	DESCRIPTION	QTY	TOTAL
A	Laptop (A)	2	P 415,000.00
	Laptop (B)	3	
B	LED Television	5	P 617,500.00
C	Server (Rack type, Linux/Unix OS)	1	P 400,000.00
D	Book Scanner (Heavy Duty)	1	P 1,400,000.00
E	Access Point	13	P 238,500.00
GRAND TOTAL		PhP	3,071,000.00

LOT	DESCRIPTION	QTY	TOTAL
A	Laptop (A)	2	P 1,053,500.00
	Laptop (B)	2	
	Server (Rack type, Linux/Unix OS)	1	
	Access Point	13	
B	LED Television	5	P 617,500.00
C	Book Scanner (Heavy Duty)	1	P 1,400,000.00
GRAND TOTAL		PhP	3,071,000.00

From:

Section VI. Schedule of Requirements

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

LOT	DESCRIPTION	QTY	TOTAL
A	Laptop (A)	2 units	Within sixty (60) calendar days from receipt of Purchase
	Laptop (B)	3 units	
B	LED Television	5 units	Within sixty (60) calendar days from receipt of Purchase
C	Server (Rack type, Linux/Unix OS)	1 unit	Within sixty (60) calendar days from receipt of Purchase
D	Book Scanner (Heavy Duty)	1 unit	Within sixty (60) calendar days from receipt of Purchase
E	Access Point	13 units	Within sixty (60) calendar days from receipt of Purchase

From:

Section VII. Technical Specifications

Lot A / Item no. 1

- Two (2) units LAPTOP (A)
 - Processor: i7 – 10750H
 - RAM: 16GB
 - Graphics: 4GB/6GB, GTX 1660 Ti

To:

Section VI. Schedule of Requirements

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

LOT	DESCRIPTION	QTY	TOTAL
A	Laptop (A)	2 units	Within sixty (60) calendar days from receipt of Purchase
	Laptop (B)	2 units	
	Server (Rack type, Linux/Unix OS)	1 unit	
	Access Point	13 units	
B	LED Television	5 units	Within sixty (60) calendar days from receipt of Purchase
C	Book Scanner (Heavy Duty)	1 unit	Within sixty (60) calendar days from receipt of Purchase

To:

Section VII. Technical Specifications

Lot A / Item no. 1

- Two (2) units LAPTOP (A)
 - Processor: i7 – 10750H
 - RAM: 16GB
 - Graphics: NVIDIA GeForce GTX

<p>or higher</p> <ul style="list-style-type: none"> - Storage: 512 x2 SSD or higher - Display: 15.6" IPS FHD - OS: Windows 10 Pro - With Bag 	<p>1660 Ti or higher</p> <ul style="list-style-type: none"> - Storage: 512 x2 SSD or higher - Display: 15" IPS FHD - Ports: <ul style="list-style-type: none"> - 1 X USB3.2 Gen2 Type-C support DisplayPort - 3 x USB3.2 Gen 1 Type-A - 1 x HDMI (HDMI 2.0b support 4K HDR), HDCP SPEC 2.2 - 1 x Audio combo jack: Mic-in and Head phone - 1x LAN RJ-45 jack - Power: 230W - Wifi: Intel® 802.11AX (2x2) +BT Gigabit Wi-Fi support Rangeboost technology - OS: Windows 10 Pro - Office: Microsoft Office 2019 - With Bag
<p>From:</p> <p>Section VII. Technical Specifications</p> <p>Lot A / Item no. 2</p> <ul style="list-style-type: none"> • Three (3) units LAPTOP (B) <ul style="list-style-type: none"> - Processor: Intel Core i7 - RAM: 16GB - Graphics: NVIDIA GeForce 4GB or higher - Storage: 512 SSD + 1TB HDD - Display: 15.6" IPS FHD - OS: Windows 10 Pro - Weight: not more than 1.9kg - With Bag 	<p>To:</p> <p>Section VII. Technical Specifications</p> <p>Lot A / Item no. 2</p> <ul style="list-style-type: none"> • Two (2) units LAPTOP (B) <ul style="list-style-type: none"> - Processor: Intel Core i7 - RAM: 8GB or higher - Graphics: NVIDIA GeForce MX130 or higher - Storage: (512 SSD + 1TB HDD) or (512 SSD x2) - Display: 14" FHD - Card Reader: Multi-format card reader (SD/SDHC/SDXC) - WebCam: HDWebcam - Networking: Integrated Wi-Fi 4 or 5 - Interface: <ul style="list-style-type: none"> - 1 x Microphone-in/Headphone-out jack - 1 x Type-C USB 3.0 (USB 3.1 Gen 1) with display and power delivery support - 1 x Type-A USB 3.1 (Gen 1) - 1 x Type-A USB 3.1 (Gen 2) - 1 x HDMI - 1 x Fingerprint reader - 1 x AC adapter plug - Audio: Built-in 2 W Stereo Speakers

	<ul style="list-style-type: none"> with Array Microphone - OS: Windows 10 Pro - Office: Microsoft Office 2019 - With Bag
<p>From:</p> <p>Section VII. Technical Specifications</p> <p>Lot C / Item no. 1</p> <ul style="list-style-type: none"> • One (1) unit Server (Rack type, Linux/Unix OS) <p style="text-align: center;">XXXX</p>	<p>To:</p> <p>Section VII. Technical Specifications</p> <p>Lot A / Item no. 3</p> <ul style="list-style-type: none"> • One (1) unit Server (Rack type, Linux/Unix OS) <p style="text-align: center;">XXXX</p>
<p>From:</p> <p>Section VII. Technical Specifications</p> <p>Lot E / Item no. 1</p> <ul style="list-style-type: none"> • Thirteen (13) units Access Point <ul style="list-style-type: none"> - Dimensions: 175.7 x 43.2 mm - Environment: Indoor - 2.4 GHz Speed: 450 Mbps - 5 GHz Speed: 1300 Mbps - PoE Mode: 802.3af PoE/802.3at PoE+ - Ports: (2) 10/100/1000 Ethernet - Certifications: CE, FCC, IC 	<p>To:</p> <p>Section VII. Technical Specifications</p> <p>Lot A / Item no. 4</p> <ul style="list-style-type: none"> • Thirteen (13) units Access Point <ul style="list-style-type: none"> - Weight: 170 g (6.0 oz) - With Mounting Kits: 185 g (6.5 oz) - Networking Interface: (2) 10/100/1000 Ethernet Ports - Port: (1) USB 2.0 Port - Buttons: Reset - Power Method: Passive Power over Ethernet (48V), 802.3af/802.3at Supported (Supported Voltage Range: 44 to 57VDC) - Power Supply: (PoE) - Power Save: Supported - Maximum Power Consumption: 9W - Maximum TX Power <ul style="list-style-type: none"> - 2.4 GHz 22 dBm - 5 GHz 22 dBm - Antennas: (3) Dual-Band Antennas, 2.4 GHz: 3 dBi, 5 GHz: 3 dBi - Wi-Fi Standards: 802.11 a/b/g/n/r/k/v/ac - Wireless Security: WEP, WPA-PSK, WPA-Enterprise (WPA/WPA2, TKIP/AES) - BSSID: Up to 8 per Radio - Mounting: Wall/Ceiling (Kits Included) - Operating Temperature: -10 to 70° C (14 to 158° F) - Operating Humidity: 5 to 95%

	<p>Noncondensing</p> <ul style="list-style-type: none"> - Certifications: CE, FCC, IC - VLAN: 802.1Q - Advanced QoS: Per-User Rate Limiting - Guest Traffic Isolation: Supported - WMM: Voice, Video, Best Effort, and Background - Concurrent Clients: 250+ - (Data Rates) 802.11ac: 6.5 Mbps to 1300 Mbps (MCS0 -MCS9 NSS1/2/3, VHT 20/40/80) - Others: Must be compatible with our existing access point controller
<p>From:</p> <p>Section VII. Technical Specifications</p> <p>Lot D / Item no. 1</p> <ul style="list-style-type: none"> • One (1) unit Book Scanner (Heavy Duty) <p style="text-align: center;">XXXX</p>	<p>To:</p> <p>Section VII. Technical Specifications</p> <p>Lot C / Item no. 1</p> <ul style="list-style-type: none"> • One (1) unit Book Scanner (Heavy Duty) <p style="text-align: center;">XXXX</p>

This Supplemental / Bid Bulletin shall form an integral part of the said Bidding Documents.

For guidance and information of all concerned.


ROSELLE L. MARTONITO
 Chairperson, Bids and Awards Committee

Checklist of Technical and Financial Documents

I. TECHNICAL COMPONENT ENVELOPE

Class "A" Documents

Legal Documents

- (a) Valid PhilGEPS Registration Certificate (Platinum Membership) (all pages);
or
- (b) Registration certificate from Securities and Exchange Commission (SEC), Department of Trade and Industry (DTI) for sole proprietorship, or Cooperative Development Authority (CDA) for cooperatives or its equivalent document,
and
- (c) Mayor's or Business permit issued by the city or municipality where the principal place of business of the prospective bidder is located, or the equivalent document for Exclusive Economic Zones or Areas;
and
- (d) Tax clearance per E.O. No. 398, s. 2005, as finally reviewed and approved by the Bureau of Internal Revenue (BIR).

Technical Documents

- (f) Supplemental / Bid Bulletin, if any
- (g) 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 (*PCHRD-SF-GOODS-01*); **and**
- (h) Statement of all Government & Private Contracts completed within three (3) years, prior to the deadline for the submission and receipt of bids. Which are similar in nature to the contract to be bid (*PCHRD-SF-GOODS-02*); **and**
- (i) 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 (*PCHRD-SF-GOODS-03*); **and**
- (j) 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 (*PRO-FORMA ATTACHED – Bidding Documents Page 48*); **and**
- (k) Conformity with the Technical Specifications, which may include production/delivery schedule, manpower requirements, and/or after-

sales/parts, if applicable (*PCHRD-SF-GOODS-05*); **and**

- (l) Conformity with the Schedule of Requirements (*PCHRD-SF-GOODS-06*) **and**
- (m) 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 (*PRO-FORMA ATTACHED – Bidding Documents Page 45*).
- (n) Original Notarized Secretary's Certificate

Financial Documents

- (o) The Supplier's audited financial statements, showing, among others, the Supplier's total and current assets and liabilities, stamped "received" by the BIR or its duly accredited and authorized institutions, for the preceding calendar year which should not be earlier than two (2) years from the date of bid submission; **and**
- (p) The prospective bidder's computation of Net Financial Contracting Capacity (NFCC) (*PCHRD-SF-GOODS-04*); **or**
A committed Line of Credit from a Universal or Commercial Bank in lieu of its NFCC computation.

Class "B" Documents

- (q) 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)

- (r) [*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.
- (s) 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 (***PRO-FORMA ATTACHED – Bidding Documents Page 39***); **and**
- (b) Original of duly signed and accomplished Price Schedule(s) (***PRO-FORMA ATTACHED – Bidding Documents Page 41***); **and**
- (c) Bill of Quantities (***PCHRD-SF-GOODS-07***)

**Statement of All On-Going Government and Private Contracts,
Including Contracts Awarded but not yet Started**

Business Name : _____
Business Address : _____

Name of Contract (Project Title/Contracting Entity Name)	Date of contract	Contract duration	Owner's name and address	Kind of Goods	Amount of contract	Value of outstanding works	Date of Delivery
							<i>(Date of Delivery shall refer to the expected date the project shall be fully completed/delivered/paid)</i>

Note: This statement shall be supported with:

- 1 Notice of Award and/or Contract
- 2 Notice to Proceed issued by the owner

Submitted by : _____
(Printed Name & Signature)
Designation : _____
Date : _____

Statement of all Completed Government & Private Contracts which are similar in nature

Business Name : _____
 Business Address : _____

Name of Contract (Project Title/Contracting Entity Name)	Date of contract	Contract duration	Owner's name and address	Kind of Goods	Amount of completed contracts	Date of Delivery a. (Date of Delivery shall refer to the date the project was fully delivered, completed or paid)

Note: This statement shall be supported with:

- 1 approved Contract or Purchase Order/Work Order
- 2 Certificate of Completion or official receipt(s) or sales invoice issued for the contract

Submitted by : _____
 (Printed Name & Signature)
 Designation : _____
 Date : _____

Statement of Single Largest Completed Contract (SLCC) similar to the contract to be bid and completed within three (3) years period

Business Name : _____
Business Address : _____

This is to certify that the project named below is the Single Largest Completed Contract similar to the contract to be bid, within the three (3) years period prior to the deadline for the submission and receipt of bids.

Name of Contract (Project Title/Contracting Entity Name)	Date of contract	Contract duration	Owner's name and address	Kind of Goods	Amount of completed contracts	Date of Delivery <i>(Date of Delivery shall refer to the date the project was fully delivered, completed or paid)</i>

Note: This statement shall be supported with:

- 1 approved Contract or Purchase Order/Work Order
- 2 Certificate of Completion or official receipt(s) or sales invoice issued for the contract

Submitted by : _____
(Printed Name & Signature)
Designation : _____
Date : _____

NET FINANCIAL CONTRACTING CAPACITY

- A. Summary of the Applicant Supplier's/Distributor's/Manufacturer's assets and liabilities on the basis of the attached income tax return and audited financial statement, stamped "RECEIVED" by the Bureau of Internal Revenue or BIR authorized collecting agent, for the immediately preceding year and a certified copy of Schedule of Fixed Assets particularly the list of construction equipment.

		Year 20__
1.	Total Assets	
2.	Current Assets	
3.	Total Liabilities	
4.	Current Liabilities	
5.	Total Net Worth (1-3)	
6.	Current Net Worth or Net Working Capital (2-4)	

- B. The Net Financial Contracting Capacity (NFCC) based on the above data is computed as follows:

NFCC= [(Current assets minus current liabilities) (15)] minus the value of all outstanding or uncompleted portions of the projects under ongoing contracts, including awarded contracts yet to be started, conciding with the contract to be bid.

The values of the domestic bidder's current assets and current liabilities shall be based on the latest Audited Financial Statements (AFS) submitted to the BIR.

The Bidder shall attach the AFS to the NFCC Computation for Eligibility Check Form.

NFCC = P _____

Submitted by:

Name of Supplier/Distributor/Manufacturer

Signature of Authorized Representative

Date: _____

Technical Specifications

Item	Specification	Statement of Compliance
A	<p>Two (2) units LAPTOP (A)</p> <ul style="list-style-type: none"> - Processor: i7 – 10750H - RAM: 16GB - Graphics: NVIDIA GeForce GTX 1660 Ti or higher - Storage: 512 x2 SSD or higher - Display: 15” IPS FHD - Ports: - 1 X USB3.2 Gen2 Type-C support DisplayPort - 3 x USB3.2 Gen 1 Type-A - 1 x HDMI (HDMI 2.0b support 4K HDR), HDCP SPEC 2.2 - 1 x Audio combo jack: Mic-in and Head phone - 1x LAN RJ-45 jack - Power: 230W - Wifi: Intel® 802.11AX (2x2) +BT Gigabit Wi-Fi support Rangeboost technology - OS: Windows 10 Pro - Office: Microsoft Office 2019 - With Bag 	
	<p>Two (2) units LAPTOP (B)</p> <ul style="list-style-type: none"> - Processor: Intel Core i7 - RAM: 8GB or higher - Graphics: NVIDIA GeForce MX130 or higher - Storage: (512 SSD + 1TB HDD) or (512 SSD x2) - Display: 14” FHD - Card Reader: Multi-format card reader (SD/SDHC/SDXC) - WebCam: HDWebcam - Networking: Integrated Wi-Fi 4 or 5 - Interface: - 1 x Microphone-in/Headphone-out jack - 1 x Type-C USB 3.0 (USB 3.1 Gen 1) with display and power delivery support - 1 x Type-A USB 3.1 (Gen 1) - 1 x Type-A USB 3.1 (Gen 2) - 1 x HDMI - 1 x Fingerprint reader - 1 x AC adapter plug 	

	<ul style="list-style-type: none"> - Audio: Built-in 2 W Stereo Speakers with Array Microphone - OS: Windows 10 Pro - Office: Microsoft Office 2019 - With Bag 	
	<p>One (1) unit Server (Rack type, Linux/Unix OS)</p> <ul style="list-style-type: none"> - Form Factor/Height: 1U rack server - Base: ThinkSystem SR630 2.5" Chassis with 8 Bays - Processors: Intel Xeon Platinum 8260 24C 165W 2.4GHz Processor or higher - Memory: Four (4) 8GB TruDDR4 2933MHz (1Rx8 1.2V) RDIMM or higher - Storage: Three (3) 480GB SATA 6Gb Hot Swap SSD or higher - Network Interface: 1Gb 2-port RJ45 - Optical Drive: External USB DVD-RW Optical Disk Drive - Power: 550W (230V/115V) Hot-Swap Power Supply or higher - Operating Systems Supported: Red Hat/Centos - Raid Supported: RAID 1 - Other: XClarity Controller Standard to Advanced Upgrade - Toolless Slide Rail 	
	<p>Thirteen (13) units Access Point</p> <ul style="list-style-type: none"> - Weight: 170 g (6.0 oz) - With Mounting Kits: 185 g (6.5 oz) - Networking Interface: (2) 10/100/1000 Ethernet Ports - Port: (1) USB 2.0 Port - Buttons: Reset - Power Method: Passive Power over Ethernet (48V), 802.3af/802.3at Supported (Supported Voltage Range: 44 to 57VDC) - Power Supply: (PoE) - Power Save: Supported - Maximum Power Consumption: 9W - Maximum TX Power - 2.4 GHz 22 dBm - 5 GHz 22 dBm - Antennas: (3) Dual-Band Antennas, 2.4 GHz: 3 dBi, 5 GHz: 3 dBi - Wi-Fi Standards: 802.11 a/b/g/n/r/k/v/ac - Wireless Security: WEP, WPA-PSK, WPA-Enterprise (WPA/WPA2, TKIP/AES) 	

	<ul style="list-style-type: none"> - BSSID: Up to 8 per Radio - Mounting: Wall/Ceiling (Kits Included) - Operating Temperature: -10 to 70° C (14 to 158° F) - Operating Humidity: 5 to 95% Noncondensing - Certifications: CE, FCC, IC - VLAN: 802.1Q - Advanced QoS: Per-User Rate Limiting - Guest Traffic Isolation: Supported - WMM: Voice, Video, Best Effort, and Background - Concurrent Clients: 250+ - (Data Rates) 802.11ac: 6.5 Mbps to 1300 Mbps (MCS0 -MCS9 NSS1/2/3, VHT 20/40/80) - Others: Must be compatible with our existing access point controller 	
B	<p>Five (5) units LED Television</p> <ul style="list-style-type: none"> - Screen Size: 75 inches - Connectivity: <ul style="list-style-type: none"> • Wi-Fi Certified 802.11a/b/g/n/ac • Ethernet inputs • Bluetooth • Chromecast built-in • RF (Terrestrial/Cable) Connection Input • Composite Video Input • HDMI inputs • HDMI ARC • Digital Audio Output • Headphone Output • USB ports (at least 3) • USB drive format support: FAT16/FAT32/exFAT/NTFS • USB playback codecs: MPEG1: MPEG1/MPEG2PS:MPEG2/MPEG2TS (HDV, AVCHD); MPEG2, AVC/MP4 (XAVC S): AVC, MPEG4, HEVC/AVI: Xvid, MotionJpeg/ASF (WMV): VC1/MOV: AVC, MPEG4, MotionJpeg/MKV: Xvid, AVC, MPEG4, VP8.HEVC/WEBM: VP8/3GPP: MPEG4, AVC/MP3/ASF (WMA)/WAV/MP4AAC/FLAC/JPEG; WEBM: VP9/AC4/ogg/AAC/ARW - Picture (Panel): <ul style="list-style-type: none"> • Display type: LCD • Display resolution: 3840 x 2160 	

	<ul style="list-style-type: none"> - Picture (processing): <ul style="list-style-type: none"> • Picture processor: 4K HDR Processor X1 • Clarity enhancement: 4K X-Reality PRO • Video signal support: Analog signal: 1080p (50, 60 Hz), 1080i (50, 60 Hz), 720p (50, 60 Hz), 576p, 576i, 480p, 480i; HDMI signal: 4096 x 2160p (24, 50, 60 Hz), 3840 x 2160p (24, 25, 30, 50, 60 Hz), 1080p (30, 50, 60 Hz), 1080/24p, 1080i (50, 60 Hz), 720p (30, 50, 60 Hz), 720/24p, 576p, 480p - Sound (Speakers and Amplifier): <ul style="list-style-type: none"> • Speaker Configuration: Full Range (Bass Reflex) x2, Tweeter x2 - Sound (Processing): <ul style="list-style-type: none"> • Dolby audio format support: Dolby Audio • DTS audio format support: DTS Digital Surround - Software: <ul style="list-style-type: none"> • Operating System: Android • On-board Storage: 16GB - Display Language: English - Voice Search: Yes/(Built-in Mic) - Application Store: Google Play Store - Environmental Features: Dynamic Backlight Control, or pixel-level lighting control; Power Saving Mode; Display Off Mode 	
<p>C</p>	<p>One (1) unit Book Scanner (Heavy Duty)</p> <ul style="list-style-type: none"> - Maximum Scan Area: 460 x 620 mm (18 x 24.4 inch), 14% more than DIN/ISO A2 - Scanner Resolution: 600 x 600 dpi - Scan Speed: <ul style="list-style-type: none"> • DIN A2+ @ 150 dpi: 0.9 s, DIN A2+ @ 200 dpi: 1.1 s • DIN A2+ @ 300 dpi: 1.6 s, DIN A2+ @ 400 dpi: 2.0 s • DIN A2+ @ 300 dpi: 3.0 s - Color Depth: 48 bit color, 16 bit grayscale - Scan Output: 24 bit color, 8 bit grayscale, bitonal, enhanced halftone - File Formats: Multipage PDF (PDF/A) and TIFF, JPEG, JPEG 2000, PNM, PNG, BMP, TIFF (Raw, G3, G4, LZW, JPEG), AutoCAD DWF, JBIG, DjVu, DICOM, PCX, Postscript, EPS, Raw data - ICC Profiles: Embedded for sRGB, Adobe RGB and 	

	<p>native, Individual profiling via web based Scan2ICC subscription</p> <ul style="list-style-type: none"> - Quality: Exceeds FADGI ** guidelines, ISO 19264-1 - Camera: CCD Camera - Light Source: White LEDs, tested according to IEC 62471, no IR/UV emission - Lamp Life Time: 50,000 h (typ.) - Computer: 64 bit Linux, Intel i3, quad core processor, 8 Gigabyte RAM, 320GB HDD for extra-large jobs - Touchscreen / Monitor: 7 inch color WVGA (wide VGA) touchscreen / 22 inch touchscreen - USB Port: 2 USB Ports 3.0 - Interface: 1Gbit Fast Ethernet with TCP/IP based Scan2Net® Interface - Dimension: 780 x 670 x 670 mm (30.7 x 26.4 x 26.4 inch) (H x W x D) - Weight: 40.5 kg / 90 lbs. - Electrical Specification: 100-240 V AC, 47 – 63 Hz (external power supply, complies with ECO standard CEC level VI) - Power Consumption: <0.5 W (Sleep) / 2.5 W (Standby) / 130 W (Scanning) - Operating Temperature: 5 to 40°C, 40 to 105°F - Relative Humidity: 20 to 80% (non-condensing) - Noise: < 42 dB(A) (Scanning) / <33 dB(A) (Standby) - Approvals: ANSI/UL 60950-1; IEC 60950-1; GB4943, 1-2011, GB9254-2008, GB17625, 1-2012; IS 13252-1:2010; EN 55022, EN 55022, EN 55024; FCC 47 Part 15 - Eletrical Connections: 100-240 V AC, 47 – 63 Hz (external power supply, complies with ECO standard CEC level V) - Conforms to the following Standards: cETLus; ETL-EU; CCC; BIS; CE; WEEE; RoHS; 	
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We hereby comply with the above-stated Specifications.

Submitted by : _____
(Name of Firm)

Signing Authority : _____
(Printed Name and Signature)

Designation : _____

Date : _____

Schedule of Requirements

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

LOT	Description	Quantity	Unit	Delivered, Weeks/Months
A	Laptop (A)	2	units	Within sixty (60) calendar days from receipt of Purchase Order
	Laptop (B)	2	units	
	Server (Rack type, Linux/Unix OS)	1	unit	
	Access Point	13	units	
B	LED Television	5	units	Within sixty (60) calendar days from receipt of Purchase Order
C	Book Scanner (Heavy Duty)	1	unit	Within sixty (60) calendar days from receipt of Purchase Order

We hereby comply with the above-stated Schedule of Requirements.

Submitted by : _____
(Name of Firm)

Signing Authority : _____
(Printed Name and Signature)

Designation : _____

Date : _____

