

**Eastern Africa Power Pool (EAPP)**

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**REQUEST FOR QUOTATION**  
**SUPPLY AND INSTALLATION OF ICT HARDWARE & SOFTWARE, ASSOCIATED**  
**ACCESSORIES AND GENERATOR**

**NATIONAL SHOPPING PROCEDURES**  
**ET-EAPP-77211-GO-RFQ**

Date: 12<sup>th</sup> August 2019

**TO:** \_\_\_\_\_

Dear Sirs,

**SUBJECT: REQUEST FOR QUOTATION FOR SUPPLY AND INSTALLATION OF ICT**  
**HARDWARE & SOFTWARE, ASSOCIATED ACCESSORIES AND GENERATOR AT**  
**EAPP OFFICES**

The East African Power Pool (EAPP) was established in 2005 with the signing of an Inter-Governmental Memorandum of Understanding (IGMOU) by seven Eastern Africa countries, namely: Burundi, Democratic Republic of Congo (DRC), Egypt, Ethiopia, Kenya, Rwanda and Sudan. In further development, EAPP is adopted as a specialized institution to foster power system interconnectivity by the heads of states of the Common Market for Eastern and Southern Africa (COMESA) region. Tanzania, Libya and Uganda have joined EAPP in March 2010, February 2011 and December 2012 respectively.

The Eastern Africa Power Pool (EAPP) has received a grant from International Development Association (IDA GRANT: P163752 – Technical Assistance to EAPP Project, Grant number: D350) and wishes start procurement processes of items identified in the grant. The Procurement activities under this RFP will be carried out in accordance with the World Bank's 'Procurement Regulations for IPF Borrowers' (Procurement Regulations), dated July 2016 and revised in November 2017, under the 'New Procurement Framework'. These Guidelines place emphasis on obtaining a high quality service through ensuring economy and efficiency, providing equal opportunity for qualified consultants and suppliers and creating transparency in the selection process. Beyond these Guidelines that EAPP will closely follow, EAPP whenever possible, will take into account environmental impacts of products and services it will procure.

EAPP therefore wishes to float this RFQ with stipulations as highlighted below;

- 1) You are requested to quote for these items by completing, signing and returning:
  - a) the List of Goods and Price Schedule as per attached ;
  - b) the documents confirming your eligibility, as listed below;

2. The Quotations are being invited for individual lots (purchases) or for any combination of lots (packages). Prices quoted shall correspond to 100 % of the items specified for each lot and to 100% of the quantities specified for each item of a lot. Evaluation will be done lot by lot basis
3. The standard forms in this RFQ may be retyped for completion but the Bidder is responsible for their accurate reproduction.
4. Validity of Quotations: The quotation validity required is 30 days.
5. Sealing and marking of Quotations: Quotations should be placed in a single sealed envelope, clearly marked original and copy including the Reference above, the name of the Bidder and the Implementing Agency. The quotation shall be submitted as One original and accompanied with One copy
6. Quotations should be submitted in person to the address below;

***Submission deadline: Before or by 15.00Hrs (GMT+3) at the date indicated on EAPP Website (<http://www.eappool.org>)***

***Address: Eastern Africa Power Pool  
House 059, Wereda 02, Bole Sub City,  
Addis Ababa Ethiopia***

7. Eligibility Criteria: You are required to meet the following criteria in order to be eligible:
  - a) Have the legal capacity to enter into a contract;
  - b) Not be insolvent, in receivership, bankrupt or being wound up or subject to legal proceedings for any of these circumstances;
  - c) Not have had your business activities suspended or debarred from public procurement by the Office of Public Procurement and Property Agency of Ethiopia;
  - d) Be eligible, as further defined below;
8. Documents Evidencing Eligibility: You are requested to submit copies of the following documents as evidence of your eligibility
  - a) Renewed Trading License for the year 2010/2011 E.C or 2018/2019 G.C;
  - b) All Goods should OEM. Manufactures Authorization, Dealership or approved partnership documents should be provided for eligibility for the proposed offers for every equipment as required.
9. Origin of Goods: All Goods and related services shall have as their country of origin an eligible country.
10. Technical Criteria: The Specification details the minimum specification of the Goods required. The Goods offered must meet the specifications-Please refer Annex I
11. Currency: Quotations shall be priced in Ethiopian Birr.
12. Best Evaluated Bid: The best evaluated bid shall be the lowest priced quotation, which is eligible and technically compliant.
13. Delivery: From the Warehouse of the supplier to EAPP headquarter Offices
14. Duties and Taxes: The price quoted for the goods shall include any duties and taxes including transportation to the warehouse.
15. Delivery Schedule: Delivery required should be immediate from the date of Purchase Order.
16. Warranty: Shall be twelve months from the date of delivery.

17. Terms of Payment: 100% upon inspection and acceptance of the delivered goods within 3 working days.
18. Eligible Countries: All countries are eligible, unless: As a matter of law or official regulation, the Government of Ethiopia prohibits commercial relations with that country or by an act of compliance with a decision of the United Nations Security Council taken under Chapter VII of the Charter of the United Nations, the Government of Ethiopia prohibits any import of Goods from or any payments to, a particular country, person or entity.
19. The EAPP takes action as appropriate on suppliers' who will be in nonperformance of the contract.
20. Any resulting contract awarded shall be by placement of a Purchase Order.
21. Any queries should be addressed to the address stated above.
22. Deviation from any of the terms and condition in this price shall be point of rejection.

Therefore, your company is requested to prepared and submit your quotation or inform the undersigned if you will not be submitting a quotation.

We look forward to receiving your quotations and thank you in advance for your interest in this project.

Eastern Africa Power Pool (EAPP)

Signed

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Eng. Lebbi Changullah, Secretary General (EAPP):

# STATEMENT OF REQUIREMENTS

## List of Goods and Price Schedule

Procurement Reference: **ET-EAPP-77211-GO-RFQ**

We offer to supply the items listed below in accordance with the terms and conditions stated in your Request for Quotations referenced above.

We confirm that we are eligible to participate in public procurement and meet the eligibility criteria specified in the Request for Quotations.

The validity period of our quotation is: \_\_\_\_\_ (days).

We confirm that the prices quoted in the List of Goods and Price Schedule are fixed and firm for the duration of the validity period and will not be subject to revision or variation.

The delivery period offered is: \_\_\_\_\_ (days) from date of Purchase Order.

The warranty period offered is \_\_\_\_\_ months.

**Currency of Quotation:** \_\_\_\_\_

Item No	Description of Goods	Quantity	Unit of Measure	Country of Origin	Unit Price	Total Price
1	<i>Lot 1: Laptops</i>	BOQ	Pcs			
2	<i>Lot 2: Server &amp; UPS</i>					
3	<i>Lot 3: Server Accessories</i>					
4	<i>Lot 4: Printers Copiers &amp; Scanners</i>					
5	<i>Lot 5: PABX Phone System</i>					
6	<i>Lot 6:</i>					
					<b>Other additional costs</b>	
					<b>Subtotal</b>	
					<b>15% VAT</b>	
					<b>Grand Total</b>	

**Quotation authorised by:**

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

Position: \_\_\_\_\_ Date: \_\_\_\_\_

(dd/mm/yy)

Authorized for and on behalf of:

Company: \_\_\_\_\_

## TECHNICAL SPECIFICATIONS (Annex I)

(The bidder may choose to quote for any of the lots (all items in a lot) or quote for all the lots)

### LOT 1: LAPTOPS and LAPTOP STORAGE

#### LAPTOPS

- a) **Description: Supply of Laptops as per minimum specifications below; (Total QTY: 10)**

*This is a standard Laptop. The bidder should indicate the Brand they tend to provide that meets the minimum specifications*

Description	Minimum Requirements
CPU	Minimum Core i7, 1.8 GHz 64 bit computing,
Connectivity	Gigabit Ethernet LAN ,Bluetooth and WIFI - 802.11a/b/g
HDD	Minimum 500GB HDD / SSD or better
Interfaces	Standard Interfaces for Laptop (USB, Audio, Video, HDMI,SD etc)
RAM	8 GB Memory or better
Power	110-240 V
Display	Intel UHD Graphics, 13.5-inch minimum
Warranty	At least 1 Year Manufacturer's Warranty
OS	Original and Genuine Licensed Microsoft Windows 10 Professional or Higher
Webcam	HD Webcam Must be integrated
Other	Standard Manufactures Software must be included.
Carry bag	Original Carry case bag from the manufacturer/vendor

- b) **Description: Supply of Administration Laptop as per minimum specifications below; (Total QTY: 1)**

*This is a high end Laptop for Administering EAPP network Environment. The bidder should indicate the Brand they tend to provide that meets the minimum specifications. The bidder may also provide alternative high end Laptops for network Administration that meets the specifications.*

Description	Minimum Requirements
CPU	8th generation Intel Core i7 or better, 2GHz Minimum ,64 bit computing
Connectivity	Gigabit Ethernet LAN ,Bluetooth and WIFI - 802.11a/b/g
HDD	Minimum 1TB HDD plus 128GB SSD or better
Interfaces	Standard Interfaces for Laptop (USB, Audio, Video, HDMI,SD etc)
RAM	32 GB Memory or better

Power	110-240 V
Display	GPU Graphics, 8 GB memory or better, Screen: 15.6-inch minimum
Warranty	At least 1 Year Manufacturer's Warranty
OS	Original and Genuine Licensed Microsoft Windows 10 Professional or Higher
Webcam	HD Webcam Must be integrated
Other	Standard Manufactures Software must be included. Original Carry case bag from the manufacturer or vendor

**c) External Storage for Laptops (Total QTY: 11)**

*This is External USB Storage for Laptops.*

Description	Minimum Requirements
External Storage	Type : USB Compact External Storage Drive Minimum Capacity : 2 TB backup Drive or better Interface : USB 2.0/3.0 or better
Warranty	1 year from the date of delivery and acceptance

**LOT 2: SERVERS and SERVER UPS**

**a) 5 KVA UPS (QTY: 2)**

*Description: the bidder should quote for complete Supply and Installation of two 5 KVA UPS for Power backup of the server environment as per specifications below;*

Parameter	Specifications
<b>Output</b>	Voltage :4KW/5KVA (Rack Mountable)
<b>Voltage</b>	230-240V
<b>Efficiency</b>	Over 95%
<b>Frequency</b>	47 – 53 Hz for 50 Hz nominal
<b>Connections</b>	IEC Jumpers (Battery Backup) , IEC 320 C19 (Battery Backup), IEC 320 C13 (Battery Backup)
<b>Input</b>	Nominal Input Voltage, Input frequency 50/60 Hz +/- 3 Hz (auto sensing), Efficiency at Full Load 96.0 %
<b>Batteries</b>	Battery type VRLA, Typical recharge time 3hour(s),Expected Battery Life (years)

<b>Communications &amp; Management</b>	Interface Port(s) DB-9 RS-232 , Control panel: LED status display with On Line : On Battery : Replace Battery and Overload indicators
<b>Manufacturer Authorization</b>	Is required for the server
<b>Warranty</b>	At least 1 Year Manufacturer's Warranty (1 year from the date of delivery and acceptance)

**b) SERVER & SERVER ACCESSORIES**

**i) Servers: (QTY:3)**

***Description: The bidder should quote for a complete solution for the delivery, installation, configuration and handover of a fully configured server environment with storage and WIFI access. Final Configuration to be done with consultation with EAPP.***

<b>Item Description</b>	<b>Minimum Specifications</b>
<b>Server Type</b>	- Rack Optimized Server. Maximum 2U
<b>Processor</b>	- Minimum 6 Core/2GHz Intel Xeon or Higher
	- Dual processors
<b>Memory</b>	- Minimum 32GB
<b>HDD Storage</b>	- Minimum capacity of hard Drives 4 TB, RAID 5 Configuration
<b>Network</b>	- Minimum 2 Gigabit network Cards
<b>Rails</b>	- Rack rails
<b>Power Supply</b>	- Dual Power Supply (240V)
<b>Warranty</b>	- 1 year from the date of delivery and acceptance

**ii) Server Licenses**

<b>Server Software's and Licenses</b>	<ul style="list-style-type: none"> <li>- Windows 2016 Standard OS or successor</li> <li>- Windows Server License Plus Media/key</li> <li>- Windows Server -10 Cals, hyper V</li> <li>- 1 SQL Server 2017 or better + 10 Cals</li> <li>- Embedded Server Management software from Manufacturer</li> </ul>
<b>Microsoft Office 2016 or successor</b>	- Microsoft Office 2016 Multivolume License
<b>Microsoft Project 2019 or successor</b>	- Microsoft Project 2019 Multivolume License

**iii) Server accessories**

**a) Backup and Storage**

Item Description	- Minimum Specifications	QTY
Backup and Storage	- Backup and storage solution (Minimum up to 4TB of Storage) - Spare hard Drives/Container	1
Warranty	- 1 year from the date of delivery and acceptance	

**b) Networking Accessories**

*Description: The Accessories below shall be installed in conjunction with the servers to ensure a complete networking operating environment.*

Item Description	- Minimum Specifications	QTY
Server Accessories	- 19" Server Rack Cabinet Complete with rails & accessories	1
	- 24 Port Switch with Gigabit capacity	2
	- 4-Port IP, Serial Console/Terminal fully configured	1
	- Minimum 450 Mbps Wireless N Access Points	10
	- Cables termination unit, Server Data and power Cables, Cat 6 Ethernet Cable (3 Rolls)	Lot
	- Standard LAN Toolkit with Cable testers, Crimping tools etc	Lot
	- 16mm x 10mm PVC Mini Trunking White (3m Length)	10
	- VGA/DIN/USB/HDMI adaptor	5
	- High Speed HDMI-HDMI Cable – 5 Meters	4
Warranty	- 1 year from the date of delivery and acceptance	

**LOT 3: SERVER ACCESSORIES: LCD Monitors (QTY: 3)**

**a) LCD Monitors (QTY:3)**

*Description: The TV monitors below are expected to display server information at the data center as well as the EAPP Board. This is equation for supply and mount fixing of the Monitors to the wall (location to be specified)*

Parameter	Minimum Specifications
Screen size	- 55" Class Flat Screen or better
Connectivity	- HDMI, USB, RGB, LAN, Wifi or better
Resolution	- 1980x1080 or better
Power	- AC 240 V (about 10%+/-)
Display	- High definition/LED or better
Other Functionality	- TV Display (UHF/VHF/DVB-T etc)
Mounting	- Wall Mounting Required
Warranty	- 1 year from the date of delivery and acceptance



## LOT 4: PRINTERS, COPIERS & SCANNERS

### a) COLOR PRINTER QTY:1

Description: Supply of a Color Laser printer

Parameter	Minimum Specifications
Printer Type	Color laser, Print only ( No Multi-function Capability)
Display	4-line backlit LCD graphic display
CPU	Minimum 800 GHz
Minimum Memory	1 GB
Connectivity	Gigabit Ethernet Support, Hi-Speed USB 2.0;
Power	240V/50HZ
Compatibility	Windows/Mac, Drivers and Management Software
Print Speed	Minimum 30 PPM
Laser Toner Cartridges	(Black, Cyan, Magenta, Yellow) preinstalled & Additional 1 Set Toner cartridge included
Paper Type	A4 & A3
Print Quality	Minimum 600 x 600 dpi Black and Color
Warranty	1 year from the date of delivery and acceptance

### b) LASER BLACK & WHITE PRINTER (QTY: 3)

Description: Supply of Black and White Laser Printer

Parameter	Specifications
Printer Type	Black and White Laser Printer (Multi-function capability option acceptable)
CPU	Minimum 1GHz
Minimum	128 MB
Connectivity	Gigabit Ethernet Support, Hi-Speed USB 2.0;
Power	240V/50HZ
Compatibility	Windows/Mac with drivers and management Software
Print Speed	Up to 40 PPM
Paper Size	A4
RAM Storage	Minimum 128 MB
Print Quality	Minimum 1200 Dpi
Warranty	1 year from the date of delivery and acceptance

### c) SCANNER QTY: 1

Description: Supply of Network Scanner

Parameter	Minimum Specifications
Scanner type	Flatbed Color Scanner

<b>Speed</b>	Up to 30ppm
<b>ADF Capacity</b>	Minimum 50
<b>Duty Cycle</b>	Minimum 4000
<b>Paper Size</b>	A4
<b>Interfaces</b>	USB 3.0 High Speed Minimum, Gigabit Ethernet, WiFi
<b>Power</b>	240V/50HZ
<b>Compatibility</b>	Windows/Mac with TWAIN/WIA drivers
<b>Software</b>	OCR Support, Scan Management Software
<b>Warranty</b>	1 year from the date of delivery and acceptance

**d) PHOTOCOPIER QTY: 1**

Description: Supply of Black and White Photocopier

<b>Parameter</b>	<b>Minimum Specifications</b>
<b>Type</b>	Desktop/ Free Standing with Auto Document Feed
<b>Paper Size</b>	A4 /A3
<b>Paper Capacity</b>	300 sheets (250 + 50), max. 550 sheets with option
<b>Speed</b>	20 Cpm
<b>Resolution</b>	600 x 600 dpi
<b>Memory</b>	Minimum 32MB
<b>Power</b>	240V/50Hz
<b>Extra Toner</b>	4 PCs
<b>Warranty</b>	1 year from the date of delivery and acceptance

**LOT 5: PABX Phone System**

*Description: The bidder should quote for a complete solution for the delivery, installation, configuration and handover of a working PABX Phone System at EAPP Offices. Final Configuration to be done with consultation with EAPP.*

**PABX Specifications**

<b>Parameter</b>	<b>Minimum Specifications</b>	<b>QTY</b>
Control Unit	– 8 Analogue Tel. Lines / 24 Extensions (Max)  <i>(current Exact requirements for EAPP Office are 2 Lines, 16 Extensions)</i>	1
Extensions Handsets		16

**PABX Features**

- Automatic fax transfer
- Automatic pause insertion
- Call forwarding

- Call hold/pick-up, transfer, waiting
- Conference call
- Data line security
- Flexible ringing assignment
- Hold reminder
- Intercom
- Last number redial
- Music on hold (external / internal)
- Power failure transfer
- Programmable call restriction
- Pulse to tone conversation System
- Speed dialling (80 numbers)
- Distinctive ringing Door opener interface,
- Doorphone intercom

<b>Configuration Requirements</b>	<b>Specifications</b>
Maximum configuration	– 8 Analogue Tel. Lines / 24 Extensions
Call Forwarding	(Busy / No Answer / Follow-Me / to Outside)
Built-in Voice Message (BV)	Yes
DISA (Direct Inward System Access)	Yes
Uniform Call Distribution (UCD)	Yes
Caller ID Display on SLTs and APTs	Yes
Allow SMS message senders to address their message	Yes
Directly to a specific user's SLT (Single Line Telephone)	Yes

## **LOT 6: 10 KVA Generator**

**Description:** *The bidder should quote for a complete solution supply, installation, testing of the generator including the Automatic Changeover at designated EAPP office location, as well as Operations and Maintenance Training to EAPP Staff, Warranty and After Sales Service.*

### **Generator Specifications**

<b>Parameter</b>	<b>Required</b>
Rating	10kVA 230-240volts @ 50hz/60Hz, single phase
<b>Output</b>	Max Output Between 9.0KVA – 11KVA
<b>Low Noise</b>	Super Silent <80dB
Fuel	Gasoline or Diesel
Tank	Continuous Operation: - Minimum 6 hrs. of operation or better

AVR	Self-excitation and Fitted with Automatic Voltage Regulator
Gauges	Oil and Fuel pressure gauges must be provided
Distribution	Panels must be provided
Cooling	Air/Water
Warranty	1 year Onsite Warranty
Manuals	Operations and Maintenance Manuals
<b>Others</b>	
Digital Control Panel	Inbuilt
Automatic Transfer Switch	Inbuilt or External

### SUMMARY OF BILL OF QUANTITIES

Sr. No.	Description of Items Required as per Specifications	Quantity
1.	<b>Laptops</b>	11
2.	<b>External Storage for Laptops</b>	11
3.	<b>5 KVA UPS</b>	2
4.	<b>Servers</b>	3
5	<b>Server Accessories (Lot)</b>	Lot
5.	<b>Black and White Laser Printer</b>	3
6.	<b>Color Laser Printer</b>	1
7.	<b>Color Scanner</b>	1
8.	<b>Photocopier</b>	1
9.	<b>PABX Control Unit</b>	1
10.	<b>Telephone Extension Units</b>	16
11.	<b>10KVA (8 to 11 KVA Acceptable) and associated cabling</b>	1
12.	<b>Automatic Changeover Switch</b>	1