



**ESWATINI DEVELOPMENT FINANCE CORPORATION**

**REQUEST FOR TENDER FOR THE SUPPLY OF ICT EQUIPMENT**

**1. RFT No: FIN\_31082021\_ICT**

**RFT Name: SUPPLY OF ICT EQUIPMENT**

**Tender Closing Date:**

**Friday, 15 October 2021, 12h00 Noon**



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## **SECTION A - INTRODUCTION**

Tenderers are requested to complete their proposals following the outline indicated in this document:

### **1. BACKGROUND**

The Eswatini Development Finance Corporation is a Parastatal which recently completed the construction of its Head Office Building at the corner of Gwamile and Dabede Streets in Mbabane.

This request for Tender (“RFT”) outlines the requirements of the Eswatini Development Finance Corporation operating in Eswatini, (hereinafter referred to as “FINCORP”) and the process to be followed by prospective tenderers in submitting a response to the Computer Equipment Supply Tender. Prospective Tenderers are expected to unequivocally specify their capability to provide the highest quality and professional computer equipment in line with Eswatini Development Finance Corporation’s requirements as outlined below.

### **2. PARTICIPATING COMPANIES**

All Tenderers that can demonstrate sufficient knowledge and experience to deliver the equipment are required.

### **3. CONTRACT**

Upon Award of the tender, FINCORP will issue an order to the successful bidder.



## **SECTION B - SCOPE OF THE TENDER**

### **TENDER OBJECTIVES - TERMS OF REFERENCE**

The objective of the Tender is to select a suitable vendor for the supply of Computer Equipment to the Eswatini Development Finance Corporation to be delivered at our Head Office, Intfutuko Building, in Mbabane at the 2<sup>nd</sup> Floor.

The terms of reference for this tender are as follows:

1. To supply original and high quality computer equipment which will compare favourably with other service providers providing similar services.
2. Provide computer equipment that will have at least 1 year warranty with the original equipment manufacturer (OEM) or their agents.
3. Act as the middle man between FINCORP and the original equipment manufacturers (OEM) or their agents in the event an issue with any of the equipment arises and where it is covered by the warranty.
4. Provide prompt after sales service and support commencing from equipment delivery to expiry of warranty period.
5. Supply computer equipment that will come installed with fully licensed software and hardware components.
6. Include in the tender document any third party software or hardware not provided by the OEM but is crucial in the running of the said equipment. Any licenses and their terms of renewal of the third party software or hardware must also be disclosed.
7. Install and configure any network equipment taking into consideration security best practice.
8. Train IT personnel on configuration and maintenance of installed equipment.



## **SECTION C: TERMS AND CONDITIONS OF TENDER AND INSTRUCTIONS TO TENDERERS**

1. The Eswatini Development Finance Corporation is seeking reliable and financially stable service providers who can meet its stringent cost, quality and service requirements.
2. The tender document as well as all other correspondence and documents relating to tender exchanged by the tenderer and the Eswatini Development Corporation, shall be written in the English Language.
3. Tenderers should double check the prices quoted for accuracy before submitting their tender documents. Under no circumstances will FINCORP accept any request for price adjustment on grounds that a mistake was made in the tendered prices.
4. Tenderers are to complete the DECLARATION OF ELIGIBILITY form.
5. Tenderers are to complete FINANCIAL PROPOSAL form.
6. The tender components will be evaluated and awarded independently of each other.
7. To assist in the examination, evaluation and comparison of tenders, FINCORP may at its discretion, ask the tenderer for a clarification on any part of its tender. The request for clarification and response shall be in writing, and no change in the prices of substance of the tender shall be sought, offered or permitted.
8. By submission of the tender, the Tenderer implicitly certifies that:
  - The prices in the tender have been arrived at independently without consultation, communication or agreement for the purpose of restricting competition, as to any matter relating to such prices, with any other Tenderer or competitor;
  - Unless otherwise required by the law; the prices quoted in the tender have not knowingly been disclosed by the tenderer, directly or indirectly, to any other tenderer or competitor until he has been informed of the results of the tender.
  - No attempt has been made or will be made by the tenderer to induce any other tenderer or competitor to submit or abstain from submitting a tender for the purpose of restricting competition.
9. FINCORP does not bind itself to accept the lowest or any tender nor give any reason for the acceptance or rejection of a tender. FINCORP may accept a tender for a part of the quantity offered or reject any tender without assigning any reason.
10. Acceptance or rejection of tender offer will be communicated by a formal acceptance or rejection letter sent by email, normal post or directly to the tenderer. Any acceptance by such letter will not mean FINCORP is binding itself to an agreement. FINCORP shall



only be bound under the agreement once the terms and conditions of the contract are agreed between the parties. Failure to agree thereto for a period exceeding thirty (30) days will render the whole tender transaction *void ab initio*.

11. The offers shall be deemed to be under consideration immediately after the tender closing date until FINCORP makes an official award of contract. Whilst the offers are under consideration, Tenderers and their representatives or other interested parties are advised to refrain from contacting FINCORP by any means. If necessary, FINCORP will obtain further clarifications on the offers by requesting for such information from any or all the tenderers, either in writing or through personal contacts, as may be considered necessary. FINCORP reserves the right to eliminate from the evaluation a tenderer contravening this provision.
12. Tenderers will not be permitted to change the substance of their offers after the tender box has been opened. Tenders may modify or withdraw their bids after submission, provided that written notice of the modification is received by FINCORP prior to the deadline for its submission. A withdrawal notice may also be sent to [tenders@fincorp.co.sz](mailto:tenders@fincorp.co.sz) with Subject "Tender for the Supply of ICT Equipment" **AND** followed by a signed confirmation copy.

The changes or modifications shall be initialled in black ink.

No Bids /Tender document may be modified after the deadline for submission of Bids.

No Bids /Tender document may be withdrawn in the interval between the deadline for submission of Bids and the expiration of its validity.

13. FINCORP reserves the right to modify, or change the specifications or even cancel the tender before the tender opening and such modifications or changes will be communicated to the tenderers in advance as and when decided.
14. Participation in the tender process, or in relation to any matter concerning the tender, will be at the tenderer's sole risk, cost and expense. FINCORP will not be responsible in any circumstance for any costs or expenses incurred by any tenderer in preparing or lodging a tender or in taking part in the tender process or taking any action related to the tender process.
15. Signed tender documents must be submitted by placing them in a suitably large sealed envelope showing Tender name & Tender Number so as to ensure the contents cannot fall



out or be viewed without opening the envelope. Nothing shall prevent FINCORP from conducting a diligence search of the business of the Tenderers.

16. Each page of the offer must be numbered consecutively, bear the tender number, signed and stamped by the Tenderer at the bottom. A reference to the total number of pages comprising the offer must be made at the top right-hand corner of the first page.
17. The tender shall have no interlineations, erasures, or overwriting except as necessary to correct errors made by the tenderer, in which case such corrections shall be initialled by the person or persons signing the tender.

**18. Tenders submitted by Fax, Telex or e-mail will not be accepted.**

19. Completed Tender documents must be placed in the Tender Box situated **at...FINCORP HEAD OFFICE – 2<sup>ND</sup> FLOOR CORNER OF GWAMILE AND DABEDE STREETS, MBABANE before 12h00 Noon on Tuesday 28 September 2021.**

20. Tenders or any part thereof received after the stipulated closing date and time will not be accepted. No tender may be modified after the deadline for submission of tenders.

21. Tenders will be opened from 12h15 on the date of closing at the FINCORP building. Tenderers are invited to attend the tender opening meeting for which they will be informed if there are changes on the date.

22. The bid price will be read and recorded in the presence of all the Tenderers or their representatives present during the opening. However, tenders may be opened even if Tenderers or their representatives are not present at the scheduled time. Each tenderer and the eventual contract holder agree to be bound by the laws of Eswatini and shall be subject to the Courts of the country. Each tenderer shall indicate a place in Eswatini and specify it in the Tender as his domicile, where all notifications may be served on him.

23. FINCORP requires that tenderers observe the highest standard of ethics during the procurement process and execution of contracts. When used in the present regulations, the following terms are defined as follows;

- 24.1 “**corrupt practice**” means the offering, giving, receiving, or soliciting of anything of value to influence the action of a company official in the procurement process or in contract execution; and



24.2. “**fraudulent practice**” means a misrepresentation of facts in order to influence a procurement process or the execution of a contract to the detriment of FINCORP, and includes collusive practice among tenderers (prior to or after tender submission) designed to establish tender prices at artificial non-competitive levels and to deprive FINCORP of the benefits of free and open competition; FINCORP will reject a proposal for award if it determines that the tenderer recommended for award has engaged in corrupt or fraudulent practices in competing for the contract in question. Further a tenderer who is found to have indulged in corrupt or fraudulent practices risks being blacklisted from procurement at FINCORP.

24.3 Tenderers and their officers, employees, agents and advisers must not engage in any collusion, anti-competitive conduct or any other similar conduct with any other tenderer or any other person in relation to the preparation or submission of tenders. In addition to any other remedies available under any law or any contract, the FINCORP may at its sole discretion immediately reject any tender submitted by a tenderer that engaged in any collusive tendering, anti-competitive conduct or any other similar conduct with any other tenderer or any other person in relation to the preparation or submission of tenders.

24.4 Any collusion amongst tenderers or between tenderers and FINCORP personnel is forbidden and discovery of any such act will disqualify the tenderer(s) and result in disciplinary action against the FINCORP employee. The tender, or contract if it has been concluded already, will be declared invalid if FINCORP determines that the Tenderer, or any person acting on his behalf, has offered, promised or given a bribe, gift or other inducement to an officer or employee of FINCORP with the intention of influencing the award of the contract.

24.5 The tenderers must disclose, if they or any of their sub-contractor(s):

- Are or have been the subject of any proceedings or other arrangements relating to bankruptcy, insolvency or financial standing.
- Have been convicted of any offence relating to professional misconduct.
- Has not fulfilled any obligations relating to the payment of taxes in Eswatini.
- Disclosure extends to any company in the same group of a tenderer (including but not limited to parent, subsidiary and sister companies, and companies with common shareholders whether direct or indirect and parties with whom the tenderer is associated, in respect of this tender).

25. The Tenderer shall provide satisfactory evidence acceptable to FINCORP to show that:





25.1 It is a reputable company who has adequate technical knowledge, professional qualification, and wide experience in supplying, operating and maintaining computer equipment and peripherals.

25.2. It has adequate financial stability and status to meet the stipulations under the contract. It is financially solvent without current judgements or any other financial background which would prevent it from operating bank accounts, raising finance and conducting other activities which are essential to the running of the business.

25.3 It has an adequately qualified and experienced team assigned for the work under this tender.

25.4. The tender shall remain valid and open for acceptance by FINCORP for not less than ninety (90) days after the submission of tenders.

26. A tender document submitted by a joint venture (JV) of two or more companies must be accompanied by a document forming the joint venture; duly registered and authenticated by a notary public or other official deputed to witness sworn statements, in which precisely defined the conditions under which the joint venture will function, its period of duration, the persons authorized to represent it and obligated thereby, the participation of the several companies forming the joint venture, and any other information necessary to permit a full appraisal of its function. The JV agreement should be submitted with the tender documents.

27. Tenderers are advised to provide all relevant information as required.

28. Any document submitted in reply to the Invitation to Tender shall become the property of FINCORP. FINCORP will use commercially confidential or proprietary information solely for the purpose of the evaluation of tenders and the selection of a suitable contractor.

29. Figures should not be altered or erased; any alteration should be effected by striking through the incorrect figures and inserting the correct figures in ink above the original figures. **All such amendments should be initialled by the Tenderer in ink.**

30. Arithmetical errors will be rectified only if there is a discrepancy between the unit price and the total price that is obtained by multiplying the unit price and quantity. In such case, the unit price shall prevail, and the total price shall be corrected. If the tenderer does not accept the correction of the errors, his tender will be rejected. If there is a discrepancy between words and figures, the amount in words will prevail.

31. FINCORP will award the contract to the tenderer whose tender has been determined to be substantially responsive to the tender documents and who has offered the best evaluated tender price, provided that, such tenderer has demonstrated the capability and resources to complete the contract, and has offered the appropriate equipment and experienced personnel for the intended operation.



32. An intention to award notice will be issued to the tenderers and be published on the ESPPRA website as per Circular number 3 of 2015 after the tender evaluation process at least 10 days before the contract award.

33. Tenderers must provide the following information in two sets;

- In hard copy
- Soft copy

The technical and financial proposals must be submitted in two separate envelopes;

- A. Checklist as attached in **SECTION E** of this document.
- B. Company Profile.
- C. Technical Proposal.
- D. Financial Proposal.
- E. Certificate of Incorporation.
- F. Copy of Form J and Form C.
- G. Valid Tax Compliance Certificate.
- H. Certified copy of Valid Trading License.
- I. Certified Copy of Labour Compliance Certificate.
- J. Police Clearance for Company Directors.
- K. Company audited annual financial statements for the past 2 years or since inception.
- L. Names and contact details of at least (3) relevant reference customers.
- M. State of Joint Ventures/Partnerships (if any).

34. If the Tenderer has any doubt as to the meaning of any portion of this document, the tenderer should set out in the covering letter the interpretation on which he relies.

35. The onus is on Tenderers to furnish sufficient information for a full technical and financial evaluation of offers.

36. FINCORP reserves the right, at any point of the tender process, to disqualify any non-compliant tender proposal received i.e. proposal failing to meet the terms and conditions of tender.

37. FINCORP reserves the right to require a performance guarantee for any upfront payment required by the vendor.

38. **Tender prices must clearly reflect separately all taxes to be charged.**

- Tax in the form of withholding tax shall be deductible on the **gross amount of any payment** made to a non -resident at the rate of 15%.



- A reduced Double Taxation Agreement (DTA) rate may be applied for. In the absence of a reducing directive, the tax payable remains at 15%.

39. Any query in connection with the tender or the invitation to the tender shall be submitted by email to [tenders@fincorp.co.sz](mailto:tenders@fincorp.co.sz) with Subject “Tender for the Supply of ICT Equipment” not later than Tuesday, 28 September 2021.

## **SECTION D – TENDER EVALUATION PROCESS AND CRITERIA**

Tender shall be evaluated using, but not limited to the following evaluation criteria.

There are six components in the tender evaluation process, five of which are non- Financial and the last one being financial. These are set out below:

Please note the following:

- A tender which obtains less than 50% of the total points allocated to criteria 1- Responsiveness to Tender Assessment shall be deemed to be non-responsive and eliminated from further evaluation.
- A tender which obtains less than 70% of the total points allocated to criterion 2 to 5, Resource and Capability Assessment, Technical Assessment, Risk Assessment and promotion of Eswatini Business, shall be deemed to be non-responsive and eliminated from further evaluation.

## **CRITERIA**

### **1. Responsiveness of Tender Assessment**

This will determine whether:

- All required documentation and information have been submitted
- All the tender documents have been appropriately signed and authorised.
- The document has been submitted are in the correct format.
- The correct number of legible copies has been submitted

### **2. Resources and Capability Assessment**

This will address the experience of the Tenderer as well as the capability and qualifications of the key personnel who will be operating under the contract, including the management and



supervisory back up. Where appropriate, reference checks are essential and must cover aspects such as:

- a. The Tenderer's track record: i.e. past performance of similar contracts; industry knowledge;
- b. The availability of trade references (A list of at least three suitable references is to be provided to support this process);
- c. The contractors' managerial and expertise capacity (as evidenced by sound management practices as well as qualifications, experience and extent of involvement/availability of key personnel and supervisory staff) to deliver the services.

### **3. Technical Assessment**

The technical assessment will establish whether the tender meets the requirements set out in the specification and, if not, the significance of any variation from that specification.

### **4. Risk Assessment**

The assessment will establish all risk factors which may be prejudicial to the FINCORP and performance of the contract. This may include ascertaining the integrity and general conduct in business dealings, professional conduct of the tenderer's directors and senior management; compliance with the law and encumbrances which may hinder due performance under the contract. This may involve investigations into whether any of the directors and senior managers have criminal records in connection with corruption, fraud, theft or forgery; financial track record of the tenderer, etc.

### **5. Promotion of Swazi Business**

This criterion shall determine the extent to which ownership of the business is vested in Eswatini citizens and/or the extent to which the Tenderer will:

- a. Encourage Swazi citizens to be involved in business;
- b. Improve levels of Swazi citizens' participation in FINCORP business;
- c. Enhance economic development for Swazi citizens;



- d. Increase the numbers and types of Swazi business activities in the area;
- e. Promote opportunities for employment of Swazi citizens and
- f. Promote business enterprise development for Swazi citizens.

Where the scope of the works is of a highly specialized nature or the successful Tenderer is non-Swazi, the FINCORP shall negotiate with the successful Tenderer to sub-contract or partner with a service provider who is a Swazi citizen.

## 6. Financial Criteria

This will entail identification of all relevant costs including capital costs in Emalangeni to the FINCORP. The initial (once off) costs, the on-going costs including any basis for escalations, penalties and/or discounts, shall be identified and considered.

The following evaluation formulae shall be used in the allocation of scores:

$$Ps = 20 \left( \frac{Pt - Pmin}{1 - Pmin} \right)$$

Where:

Ps - Points scored for bid under consideration.

Pt - Tender price for bid under consideration.

Pmin - Tender price for the lowest bid.



## EVALUATION CRITERIA AND WEIGHTINGS

Non-Price Elements: Criteria and weightings are summarised below;

Criteria Elements	Criteria Weighting Factors
<p><b>1. Responsiveness of Tender (15%)</b></p> <ul style="list-style-type: none"> <li>• all required documentation and information have been submitted;</li> </ul> <p>The following weightings shall apply:            Checklist as attached in Section E of this document. (1)</p> <p>A. Company profile (1)            B. Technical proposal &amp; Financial proposal (2)            C. Original Copy of Valid Tax Compliance Certificate (2)            D. Certified Copy of Valid Trading License (2)            E. Certificate of Incorporation            F. Copy of Form J and Form C            G. Certified Copy of Labour Compliance (2)            H. Police Clearance for Company Directors (1)            I. Company audited annual financial statements for the past 1-2 years or since inception. (2)            J. Names and contact details of at least three reference customers, current &amp; past workload (2)</p> <ul style="list-style-type: none"> <li>• all the tender documents have been appropriately signed and authorized; (1)</li> <li>• the document has been submitted in the correct format; (1)</li> <li>• The correct number of legible copies has been submitted.</li> </ul>	



<p><b>2. Resources and Capability (10%)</b></p> <ul style="list-style-type: none"> <li>• Reputation/brand/size of Tenderer;</li> <li>• Key personnel, relevant qualification(s) and relevant experience;</li> <li>• Trade references.</li> </ul>	
<p><b>3. Technical Capability (20%)</b></p> <ul style="list-style-type: none"> <li>• Quality of the product/service, i.e. extent to which it meets tender specification or scope. (2)</li> <li>• A list of relevant/similar current customers/current work for the past two years. (5)</li> </ul>	
<p><b>4. Risk Assessment (15%)</b></p> <ul style="list-style-type: none"> <li>• All risk factors which may be prejudicial to FINCORP and performance of the contract, including but not limited to availability of resources (human, financial or suitable equipment for the tender) or extent of the Tenderer’s commitment in other projects;</li> <li>• Size of the tender in relation to the size of the company in order to determine the ability to complete the tendered works;</li> <li>• Ascertaining the integrity and general conduct in business dealings, professional conduct of the Contractor’s directors and senior management;</li> <li>• Compliance with the law; (e.g. workmen’s compensation etc.)</li> <li>• Circumstances which may expose FINCORP and hinder due performance under the contract, e.g., criminal records in connection with corruption, fraud, theft or forgery by the contractor’s directors and management etc.</li> </ul>	



<p><b>5. Swazi Business Promotion (10%)</b></p> <ul style="list-style-type: none"> <li>• Degree to which ownership of business vests with Swazi citizen;</li> <li>• Degree to which business is managed by Swazi citizen.</li> <li>• Extent to which the Tenderer will: <ul style="list-style-type: none"> <li>– Encourage more Swazi citizens to be involved in business;</li> <li>– Encourage the impartation of technical and business skills to Swazi citizens;</li> <li>– Improve levels of Swazi citizens participation in FINCORP business;</li> <li>– Promote opportunities for employment of Swazi citizens;</li> </ul> </li> </ul>	
<p><b>6. Financial (30%)</b></p> <ul style="list-style-type: none"> <li>• Pricing / Costs in Emalangeni</li> <li>• Payment terms and conditions</li> <li>• Clear reflection of all taxes to be charged</li> </ul>	





**SECTION E: SUBMISSION CHECKLIST**

<b>REQUIREMENT</b>	<b>AVAILABLE / NOT AVAILABLE (Please tick - √ or cross – x as appropriate)</b>
Company Profile	
Technical & Financial Proposal	
Valid Tax Compliance Certificate	
Certified Valid Trading License	
Certificate of Incorporation	
Copy of Form J and Form C	
Certified Valid Labour Compliance	
Police Clearance for Company Directors	
Profit & Loss and Balance sheet for the last financial year.	
Names and contact details of at least three (3) reference customers	
Current and past similar projects/Tender (1 to 2 years)	
Statement of Joint Ventures/Partnerships (if any)	

***NB: Please submit checklist attached on the first page of tender documents. The documents must follow the sequence on the checklist.***



**DECLARATION OF ELIGIBILITY**

*[The service provider must provide a signed declaration on its company letterhead in the following format. If the Proposal is being presented by a joint venture or consortium all members must each sign their own declaration.]*

[>>>Name of the contractor, Address, and Date>>>]

*To: Eswatini Development Finance Corporation  
Corner of Gwamile & Dabede Streets  
P O Box 6099  
Mbabane*

Dear Sirs,

Re Tender Reference:

We hereby declare that: -

- (a) We, including any joint venture partners or consortium partners, are a legal entity and have the legal capacity to enter into the contract;
- (b) We are not insolvent, in receivership, bankrupt or being wound up, our affairs are not being administered by a court or a judicial officer, our business activities have not been suspended, and we are not the subject of legal proceedings for any of the foregoing;
- (c) We have fulfilled our obligations to pay taxes and social security contributions;
- (d) We have not, and our directors or officers have not, been convicted of any criminal offence related to our/their professional conduct or the making of false statements or misrepresentations as to their qualifications to enter into a contract within a period of five years preceding the commencement of the procurement proceedings; and
- (e) We do not have a **conflict of interest** in relation to the procurement requirement.

Signed .....

Date .....

***Authorised Representative***



## FINANCIAL PROPOSAL SUBMISSION FORM

*[Note to service providers: This Financial Proposal Submission Form should be on the letterhead of the vendor and should be signed by a person with the proper authority to sign documents that are binding on the entity. It should be included by the bidder in its financial proposal.]*

[>>>Location>>>]

[>>>Date>>>]

Procurement Reference No: [>>>insert Tender Reference number>>>]

*To: Eswatini Development Finance Corporation  
Corner of Gwamile & Dabede Streets  
P O Box 6099  
Mbabane*

Dear Sirs:

We, the undersigned, declare that:

(a) We offer to provide the following services for [>>insert a brief description of the Services>>] in conformity with your Request for Tender and our technical and financial proposals;

(b) The schedule of prices of our proposal is attached.

(c) Our proposal shall be valid for a period of [>>specify the number of calendar days>>] days from the date fixed for the proposal submission deadline in accordance with the Request for Tender, and it shall remain binding upon us, subject to any modifications resulting from negotiations, and may be accepted at any time before the expiration of that period;

(d) We understand that you are not bound to accept any proposal that you receive;

Dated on \_\_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_ *[insert date of signing]*

Name: *[insert complete name of person signing the proposal]*

In the capacity of *[insert legal capacity of person signing the proposal]*

Signed: *[signature of person whose name and capacity are shown above]*

Duly authorised to sign the proposal for and on behalf of: *[insert complete name of Tenderer]*



## BILL OF QUANTITIES

### 1. 20 X BUSINESS ISSUE LAPTOPS

- Intel Core i5
- 8 GB DDR4 3200
- 512 GB HDD
- PCIe NVMe SSD
- Intel WiFi 6
- Ethernet Port
- Between 14- and 16-inch LCD
- WINDOWS 10 Professional 64

### 2. 10 X BUSINESS ISSUE LAPTOPS

- Intel Core i5
- 16 GB DDR4 3200
- 512 GB HDD
- PCIe NVMe SSD
- Intel WiFi 6
- Ethernet Port
- Between 14- and 16-inch LCD
- WINDOWS 10 Professional 64

### 3. 30 X 2SC67UT HP LAPTOP BACKPACKS OR SIMILAR

### 4. 2 X UBIQUITI UNIFY SWITCHES

**Model: US-24-500W**

- (24) Gigabit RJ45 Ports
- (2) SFP Ports
- Serial Console Port
- Non-Blocking Throughput: 26 Gbps
- Switching Capacity: 52 Gbps
- Forwarding Rate: 38.69 Mpps



- Power: 500W
- Supports PoE+ IEEE 802.3at/af and 24V Passive PoE
- Rack-Mountable

## 5. 3 X UNIFI UBIQUITI SWITCHES

### Model: USW-Pro-48-PoE

- Layer 3
- PoE switch with (48) GbE RJ45 Ports
- (40) Gigabit RJ45 ports with 802.3 af/at PoE+
- (8) Gigabit RJ45 ports with 802.3bt PoE++
- (4) 1/10G SFP+ ports
- Power: 500W
- Rack-Mountable

## 6. 6 X 3KVA TRUE ONLINE TOWER UPS

- Online Double Conversion
- Wide Input Voltage Range
- Frequency Converter Mode
- Emergency Power Off Function (EPO)
- Eco Mode Operation for Energy Saving (ECO)
- Generator Compatible
- SNMP+USB+RS-232 Multiple Communications
- Selectable Output Voltage: 208-240VAC; 110-127 VAC

