Request for Quotations
for Non-Consultancy Services
Lump-Sum

2x Firewall and 1 year maintenance

Procurement Reference No: NCS/RFQ/*RFA – 36/2022*

PARTICULARS OF BIDDER

Business Name: _____

Postal Address: _____

Telephone No.: _____

Cell No.: _____

Fax No.: _____

Contact Person: _____

E-mail Address: _____

Road Fund Administration
Head Office
Feld Street 21
Private Bag 13372
Windhoek, Namibia
Tel: +264 61 4333000
procurement@rfanam.com.na

Letter of Invitation

Dear Potential Bidder   **10 October 2022**

Procurement Ref. No. NCS/RFQ/RFA-36/2022

Request for Quotations for 2x Firewall and 1 year maintenance

The ROAD FUND ADMINISTRATION invites you to submit your best quote for the services described in detail hereunder.

Any resulting contract shall be subject to the terms and conditions referred to in the document.

Queries, if any, should be addressed to *procurement@rfanam.com.na*

Please prepare and submit your quotation in accordance with the instructions given or inform the undersigned if you will not be submitting a quotation.

Yours faithfully,

Mr Scheifert Shigwedha
SECRETARY TO THE PROCUREMENT COMMITTEE

Section I: INSTRUCTIONS TO BIDDERS

1. Rights of ROAD FUND ADMINISTRATION

The ROAD FUND ADMINISTRATION reserves the right:

(a)   to accept or reject any quotation; or

(b)   to cancel th quotation process and reject all quotations at any time prior to contract award.

2. Preparation of Quotations

You are requested to quote for the services mentioned in Section III by completing, signing and returning:

(a)   the Quotation Letter in Section II with its annex for Bid Securing Declaration, where applicable;

(b)   the Priced Activity Schedule in Section IV;

(c)   the Specifications and Performance Standards Compliance Sheet in Section V; and;

(d)   any other attachment as deemed appropriate.

You are advised to carefully read the complete Request for Quotations document, including the Special Conditions of Contract in Section VII, before preparing your quotation. The standard forms in this document may be retyped for completion but the Bidder is responsible for their accurate reproduction.

3. Validity of Quotations

The quotation validity period shall be 30 days from the date of bid submission deadline.

4. Eligibility Criteria

To be eligible to participate in this Quotation exercise, you should:

(a)   A certified copy of proof of business (form/type) registration (depending on the type of business entity, proof can be either BIPA documents or a partnership agreement).

(b)   An original (or certified copy) of a Valid Certificate of Good Standing for Tax from the Ministry of Finance: Inland Revenue.

(c)   An original (or certified copy) of a Valid Good Standing Certificate: Social Security Commission (SSC certificates are valid only for 1-month from date of issue unless stated otherwise).

(d)   An original (or certified copy) of a Valid Affirmative Action Compliance Certificate, or exemption in terms of Section 42 of the Affirmative proof from Employment Equity Commissioner that bidder is not a relevant employer, or exemption issued in terms of Section 42 of the Affirmative Action Act, 1998;

(e)   have a certificate indicating SME Status (for Bids reserved for SMEs);

(f)   Submit signed Bid-securing Declaration.

(g) An undertaking on the part of the Bidder that the salaries and wages payable to its personnel in respect of this proposal are compliant to the relevant laws, Remuneration Order, and Award, where applicable and that it will abide to sub-clause 4.6 of the General conditions of Contract if it is awarded the contract or part thereof.

5. Bid Securing Declaration

Bidders are required to **subscribe to a Bid Securing Declaration** for this procurement process.

6. Services Completion Period

The completion period for services shall be ***7-days*** after issue of Purchase Order. Deviation in completion period shall be considered if such deviation is reasonable.

7. Documents to be submitted

Bidders shall submit along with their quotations documents giving company's profile, past experience and evidence of similar services provided together with customers reference details.

8. Sealing and Marking of Quotations

Quotations should be sealed in a single envelope, clearly marked with the Procurement Reference Number, addressed to the ROAD FUND ADMINISTRATION with the Bidder's name at the back of the envelope.

9. Submission of Quotations

Quotations should be deposited in sealed in an envelope and **must only be deposited in the Quotation/Bid Box** located at **Road Fund Administration, 21 Feld Street**, not later than **Thursday, 20th October 2022 at 11:00**.   **No other mode of delivery will be accepted**. No delivery to office, no delivery to email, and no delivery via fax. Couriered delivery must also be dropped into the Bid/Quotation Box.

10. Opening of Quotations

Quotations will be opened internally by the ROAD FUND ADMINISTRATION immediately after the closing time referred to in section 9 above. A record of the Quotation Opening stating the name of the Bidders and the amount, the presence or absence of a Bid Security/Bid-Securing Declaration will be put on the website of the ROAD FUND ADMINISTRATION and available to any bidder on request within three working days of the Opening.

11. Evaluation of Quotations

The ROAD FUND ADMINISTRATION shall have the right to request for clarifications in writing during evaluation. Offers that are substantially responsive shall be compared on the basis of evaluated cost to determine the lowest evaluated quotation.

12. Scope of Services, Specifications and Performance Standards

The Scope of Services and Performance Standards Compliance Sheet detailed in Sections III and V are to be complied with. Bidders may propose alternative for part of the scope substantiating that such alternatives will equally serve the interest of the ROAD FUND ADMINISTRATION. However, evaluation will be carried out as per the defined scope.

Alternatives will only be considered from bidders having submitted the lowest evaluated quotation as per the base requirements.

Bidders have to substantiate in what manner the deviation in set specifications and performance standards, if any, are not material deviation.

13. Prices and Currency of Payment

Prices for the execution of services shall be fixed in Namibian Dollars as quoted. Quotations shall cover all costs of labour, materials, equipment, overheads, profits and all associated costs for performing the services, and shall include all duties. The whole cost of performing the services shall be included in the items stated, and the cost of any incidental services shall be deemed to be included in the prices quoted.

14. Margin of Preference

14.1.   The applicable margins of preference and their application methodology are as follows:

Not applicable

14.2.   Bidders applying for the Margin of Preference shall submit, **upon request**, evidence of:

Not applicable

15. Award of Contract

The Bidder having submitted the lowest evaluated responsive quotation and qualified to perform the services shall be selected for award of contract. Award of contract shall be by issue of a Purchase Order/Letter of Acceptance in accordance with terms and conditions contained in Section VI: Contract and General Conditions of Contract

16. Notification of Award and Debriefing

The ROAD FUND ADMINISTRATION shall after award must promptly inform all unsuccessful bidders in writing of the name and address of the successful bidder and the contract amount and post a notice of award of ward on its website within seven (7) days. Furthermore, the ROAD FUND ADMINISTRATION shall attend to all requests for debriefing made in writing within seven days (7) days of the unsuccessful bidders being informed of the award.

17. **Advanced payment:** Advance payments are not applicable.

18. **Insurance Covers**: As per DDP Incoterms - Under the Delivered Duty Paid (DDP) Incoterm rules, **the seller assumes all responsibilities and costs for delivering the goods to the named place of destination**. The seller must pay both export and import formalities, fees, duties, and taxes.

19. **Performance Security:** No performance security is required.

20. **Liquidated damages:** Refer to General Conditions of Contract, clause 27.1.

SECTION II: QUOTATION LETTER

(to be completed by Bidders)

[Complete this form with all the requested details and submit it as the first page of your quotation with the Priced Activity Schedule and documents requested above. A signature and authorisation on this form will confirm that the terms and conditions of this RFQ prevail over any attachments. ***If your quotation is not authorised, it may be rejected.****]*

Quotation Addressed to :	*ROAD FUND ADMINISTRATION*
Procurement Reference Number:	NCS/RFQ/RFA-36/2022
Subject matter of Procurement:	**2x Firewall and 1 year maintenance**

We offer to provide the services detailed in the Scope of Service, in accordance with the terms and conditions stated in your Request for Quotations referenced above.

We confirm that we are eligible to participate in this Quotation Exercise and meet the eligibility criteria specified in Section 1: Request for Quotations.

We undertake to abide ethical conduct during the procurement process and the execution of any resulting contract.

We have read and understood the content of the Bid Security/Bid Securing Declaration (BSD) attached hereto and subscribe fully to the terms and conditions contained therein. We further understand that this subscription could lead [*forfeiture of the security amount / disqualification on the grounds mentioned in the BDS]*

The validity period of our Quotation is _____ days *[insert number of days]* from the date of the bid submission deadline.

We confirm that the prices quoted in the Priced Activity Schedule are fixed and firm and will not be subject to revision or variation, if we are awarded the contract **prior to the expiry date** of the quotation validity.

The services will commence within _____ *[to insert number]* days from date of issue of Purchase Order/ Letter of Acceptance.

The services will be completed within _____ *[to insert number]* days from date of issue of Purchase Order/ Letter of acceptance.

Quotation Authorised by:

Name of Bidder		Company's Address and seal	
Contact Person			
Name of Person Authorising the Quotation:		Position:	Signature:
Date		Phone No./Fax	

Appendix to Quotation Letter

p

BID SECURING DECLARATION
(Section 45 of Act)
(Regulation 37(1)(b) and 37(5))

Date: ....

Procurement Ref No.: . NCS/RFQ/RFA-36/2022

To: ROAD FUND ADMINISTRATION, 21 FELD STREET, WINDHOEK

I/We* understand that in terms of section 45 of the Act a ROAD FUND ADMINISTRATION must include in the bidding document the requirement for a declaration as an alternative form of bid security.

I/We* accept that under section 45 of the Act, I/we* may be suspended or disqualified in the event of

(a)   **a modification or withdrawal of a bid after the deadline for submission of bids during the period of validity;**

(b)   **refusal by a bidder to accept a correction of an error appearing on the face of a bid;**

(c)   **failure to sign a procurement contract in accordance with the terms and conditions set forth in the bidding document, should I/We* be successful bidder; or**

(d)   **failure to provide security for the performance of the procurement contract if required to do so by the bidding document.**

I/We* understand this bid securing declaration ceases to be valid if I am/We are* not the successful Bidder

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

Capacity of:
[*indicate legal capacity of person(s) signing the Bid Securing Declaration*]

Name: ....
 [*insert complete name of person signing the Bid Securing Declaration*]

Duly authorized to sign the bid for and on behalf of: [insert complete name of Bidder]

Dated on _____ day of _____, _____
 [*insert date of signing*]

Corporate Seal (where appropriate)

[Note*: In case of a joint venture, the bid securing declaration must be in the name of all partners to the joint venture that submits the bid.]
***delete if not applicable / appropriate**

NO SUBSTITUTE FOR THIS PAGE IS ALLOWED

Republic Of Namibia

Ministry of Labour, Industrial Relations and Employment Creation

Written undertaking in terms of section 138 of the Labour Act, 2015 and section 50(2)(D) of the Public Procurement Act, 2015

1. EMPLOYERS DETAILS

Company Trade Name:……………………………………………………

Registration Number :...……………………………………………………...

Vat Number: ……………………………………………………………

Industry/Sector: …………………………………………………………

Place of Business:………………………………………………………..

Physical Address:………………………………………………………..

Tell No.:…………………………………………………………………

Fax No.:………………………………………………………………….

Email Address:…………………………………………………………..

Postal Address:………………………………………………………….

Full name of Owner/Accounting Officer:…………..…………………...

………………………………………………………………….......

Email Address:…………………………………………………………..

2.   PROCUREMENT DETAILS

Procurement Reference No.:…………………………………………………..

Procurement Description: **2x Firewall and 1 year maintenance**

………………………………………………………………………………………………

Anticipated Contract Duration: …………………………………………………….

Location where work will be done, good/services will be delivered: …………..

………………………………………………………………………………………………

3.   UNDERTAKING

I …………………………………………*[insert full name]*, owner/representative

of …………………………………………………………*[insert full name of company]*

hereby undertake in writing that my company will at all relevant times comply
fully with the relevant provisions of the Labour Act and the Terms and Conditions of
Collective Agreements as applicable.

I am fully aware that failure to abide to such shall lead to the action as stipulated in
section 138 of the labour Act, 2007, which include but not limited to the cancellation of
the contract/licence/grant/permit or concession.

Signature: ……………………………..

Date: ……………………………..

Seal:……………………………….

Please take note:
1. *A labour inspector may conduct unannounced inspections to assess the level of compliance*
2. *This undertaking must be displayed at the workplace where it will be readily accessible and visible by the employees rendering service(s) in relations to the goods and services being procured under this contract.*

SECTION III: SCOPE OF SERVICES

Herewith a brief description of the services; and the performance requirements and specifications of services and location where services should be performed.

- 2x Firewalls Fortinet Fortigate FG60F - Forti Analyzer 1 year - Firewall Maintenance 1 year	*x2*

Refer to attached data sheet for more information.

Delivery of services at No. 21 Feld Street, Road Fund Administration Building

SECTION IV: PRICED ACTIVITY SCHEDULE

Procurement Reference Number: **NCS/RFQ/*RFA – 36/2022***

[Complete the unit and total prices for each item listed below in Namibian dollars. Authorize the prices quoted in the signature block below. The table shown hereunder may be re-designed and customized as per the type of services required].

Currency of Quotation:_____

Item No	Brief Description of Services	Quantity	Unit of Measure	Unit Price	Total Price
A*	B*	C*	D*	E	F
1	2x Firewalls Fortinet Fortigate FG60F	2			
2	Forti Analyzer 1 year	1			
3	Firewall Maintenance 1 year	1			
			Other additional costs		
			Subtotal		
	Enter 0% VAT rate if VAT exempt.		**VAT @ %**		
			Total		

* Columns A to D to be completed as applicable by ROAD FUND ADMINISTRATION

Priced Activity Schedule Authorised By*:   [insert company seal]*

Name of signatory:		Signature:	
Position:		Date:	
Company Name :			

SECTION V: SPECIFICATIONS AND PERFORMANCE STANDARD COMPLIANCE SHEET

[ROAD FUND ADMINISTRATION shall customise this section and the table hereunder where the Service Providers have to achieve set specification and performance standards.]

Procurement Reference Number: _ **NCS/RFQ/*RFA – 36/2022***

[Bidders should complete columns C and D with the specifications of the services offered. Also state "comply" or "not comply" and give details of any non-compliance/deviation to the specification required. Attach detailed technical literature if required. Authorise the specification offered in the signature block below.]

Item No	Specifications and Performance Required	Compliance of Specifications and Performance Offered	Details of Non-Compliance/ Deviation (if applicable)
A*	*B**	*C*	*D*
1	Refer to data sheet		
2			

* Columns A and B to be completed by ROAD FUND ADMINISTRATION.

Specifications and Performance Standard Compliance Sheet Authorised By:

Name:		Signature:	
Position:		Date:	
Authorised for and on behalf of:		Company	

SECTION VI: CONTRACT AGREEMENT AND GENERAL CONDITIONS OF CONTRACT

Any resulting contract shall be placed by means of a Purchase Order/Letter of Acceptance and shall be subject to the General Conditions of Contract (GCC) Ref: NCS-LS/RFQ-GCC for procurement of services (lump-sum) available on the website of the ROAD FUND ADMINISTRATION (*www.rfanam.com.na*) except where modified by the Special Conditions below.

SECTION VII: SPECIAL CONDITIONS OF CONTRACT

Procurement Reference Number: _____

The clause numbers given in the first column correspond to the relevant clause numbers of the GCC *[This section is to be customised by the ROAD FUND ADMINISTRATION to suit the requirements of the specific procurement].*

Subject and GCC Reference	Special Conditions
Definitions **GCC 1.1(a)**	Adjudicator is Not Applicable for this contract
Definitions **GCC 1.1(l)**	The Member is: *[to be inserted at contract signing]*
Definitions **GCC 1.1(o)**	The Service Provider is: *[to be inserted at contract signing]*
Notices **GCC 1.4**	Any notice shall be sent to the following addresses: For the ROAD FUND ADMINISTRATION, the address and the contact name shall be: Ali Ipinge, Chief Executive Officer For the [Service Provider], the address and contact name shall be *[to be inserted at contract signing]*: _____
Authorised Representatives **GCC 1.6**	The Authorised Representatives are: For the ROAD FUND ADMINISTRATION: Procurement Management Unit For the Service Provider*[to be inserted at contract signing]*: _____
Effectiveness of Contract **GCC 2.1**	The date on which this Contract shall come into effect is __*TBC*___

Starting Date **GCC 2.2.2**	The intended starting date for the commencement of Services is _10th September 2022___.
Intended Completion Date **GCC 2.3**	The intended completion date is __27th October 2022___.
Prohibition **GCC 3.2.3(c)**	List of Activities: _____.
Service Provider's Actions Requiring ROAD FUND ADMINISTRATION's Prior approval **GCC 3.7(c)**	The other actions are : Sub-Consulting.
Documents Prepared by Service Provider to be the Property of the Public Entity **GCC 3.9**	Restrictions on the use of documents prepared by the Service Provider are: __No 3rd Party Use.
Payments of Liquidated Damages **GCC 3.10.1**	Liquidated damages for the whole contract are *:* Refer to General Conditions of Contract, clause 27.1.
Lack of Performance Penalty **GCC 3.10.3**	The percentage _____ to be used for the calculation of lack of Performance Penalty(ies) is _____. Refer to General Conditions of Contract, clause 27.1.
Performance Security **GCC 3.11**	(i) No Performance Security is required

Assistance and Exemptions GCC 5.1	The assistance and exemptions provided to the Service Provider are*(where applicable)*: _____Not Applicable
Contract Price GCC 6.2(a)	The amount in local currency is __*NAD*.
Terms and Condition of Payment GCC 6.4	Insert the payment terms in line with the GCC.
Interest on Delayed Payments GCC 6.5	Payment shall be made within 30 days of receipt of the invoice and the relevant documents, and within _____days in the case of the final payment. The interest rate is _____. REFER TO GENERAL CONDITIONS OF CONTRACT
Price Adjustment GCC 6.6.1	Price adjustment *is not* applicable.
Identifying Defects GCC 7.1	The following inspections shall be carried out:_ REFER TO GENERAL CONDITIONS OF CONTRACT The defect liability period is:__ REFER TO GENERAL CONDITIONS OF CONTRACT
Dispute Settlement GCC 8.2	In cases where no adjudicator has been appointed the disputes shall be subject to the procedures of the laws of Namibia. If any dispute arises between the Employer and the Contractor in connection with or arising out of the Contract, the parties shall seek to resolve any such dispute by amicable agreement. If the parties fail to resolve such dispute by amicable agreement, within 14 days after one party has notified the other in writing of the dispute, then the dispute may be referred to court by either party.
Dispute Settlement GCC 8.2.3	REFER TO GENERAL CONDITIONS OF CONTRACT
Dispute Settlement GCC 8.2.4	The arbitration procedures of ___GENERAL CONDITIONS OF CONTRACT__ will be used.
Dispute Settlement GCC 8.2.5	REFER TO GENERAL CONDITIONS OF CONTRACT

<div align="right">

SCHEDULE 3

</div>

(a)   COST STRUCTURE FOR VALUE ADDED CALCULATION PER PRODUCT

COST STRUCTURE FOR VALUE ADDED CALCULATION PER PRODUCT		
	N$	**N$**
Raw Materials, Accessories & Components		
• Imported (CIF)	....	
• Local (VAT & Excise Duty Fee)	....	....
Labour Cost		
• Direct Labour	....	.
• Clerical Wages	....	.
• Salaries to Management	....	....
Utilities		
• Electricity	....	
• Water	....	
• Telephone	....	....
Depreciation	....	
Interest on Loans	....	
Rent	....	....
Other (please specify)		
•	....	
•	....	
•	....	....
TOTAL COST		

Local Value Added = <u>Total Cost – Cost of imported inputs</u> x 100
Total Cost

NB! The cost structure should be certified by a Certified Accountant

SCHEDULE 4

QUOTATION CHECKLIST SCHEDULE

Procurement Reference No.:

Description	Attached (please tick if submitted and cross if not)
Quotation Letter	
Priced Activity Schedule	
Specification and Compliance Sheet	
Bid Security/Bid securing declaration	
Company profile, past experience and references where similar services have been provided	
Insert any other	

Disclaimer: The list defined above is meant to assist the Bidder in submitting the relevant documents and shall not be a ground for the bidder to justify its non-submission of major documents for its quotation to be responsive. The onus remains on the Bidder to ascertain that it has submitted all the documents that have been requested and are needed for its submission to be complete and responsive.

FortiGate® FortiWiFi 60F Series

FG-60F, FG-61F, FWF-60F, and FWF-61F

Next Generation Firewall
Secure SD-WAN

The FortiGate/FortiWiFi 60F series provides a fast and secure SD-WAN solution in a compact fanless desktop form factor for enterprise branch offices and mid-sized businesses. Protects against cyber threats with system-on-a-chip acceleration and industry-leading secure SD-WAN in a simple, affordable, and easy to deploy solution. Fortinet's Security-Driven Networking approach provides tight integration of the network to the new generation of security.

Security
- Identifies thousands of applications inside network traffic for deep inspection and granular policy enforcement
- Protects against malware, exploits, and malicious websites in both encrypted and non-encrypted traffic
- Prevent and detect against known and unknown attacks using continuous threat intelligence from AI-powered FortiGuard Labs security services

Performance
- Delivers industry's best threat protection performance and ultra-low latency using purpose-built security processor (SPU) technology
- Provides industry-leading performance and protection for SSL encrypted traffic

Certification
- Independently tested and validated for best-in-class security effectiveness and performance
- Received unparalleled third-party certifications from NSS Labs

Networking
- Delivers advanced networking capabilities that seamlessly integrate with advanced layer 7 security and virtual domains (VDOMs) to offer extensive deployment flexibility, multi-tenancy and effective utilization of resources
- Delivers high-density, flexible combination of various high-speed interfaces to enable best TCO for customers for data center and WAN deployments

Management
- Includes a management console that is effective, simple to use, and provides comprehensive network automation and visibility
- Provides Zero Touch Integration with Fortinet's Security Fabric's Single Pane of Glass Management
- Predefined compliance checklist analyzes the deployment and highlights best practices to improve overall security posture

Security Fabric
- Enables Fortinet and Fabric-ready partners' products to provide broader visibility, integrated end-to-end detection, threat intelligence sharing, and automated remediation

Firewall	IPS	NGFW	Threat Protection	Interfaces
10 Gbps	1.4 Gbps	1 Gbps	700 Mbps	Multiple GE RJ45 | Variants with internal storage | WiFi variants

DEPLOYMENT

Next Generation Firewall (NGFW)

- Reduce the complexity and maximize your ROI by integrating threat protection security capabilities into a single high-performance network security appliance, powered by Fortinet's Security Processing Unit (SPU)

- Full visibility into users, devices, applications across the entire attack surface and consistent security policy enforcement irrespective of asset location

- Protect against network exploitable vulnerabilities with industry-validated IPS that offers low latency and optimized network performance

- Automatically block threats on decrypted traffic using the Industry's highest SSL inspection performance, including the latest TLS 1.3 standard with mandated ciphers

- Proactively block newly discovered sophisticated attacks in real-time with AI-powered FortiGuard Labs and advanced threat protection services included in the Fortinet Security Fabric

Secure SD-WAN

- Consistent business application performance with accurate detection, dynamic WAN path steering and optimization

- Multi-cloud access for faster SaaS adoption with end-to-end optimization

- Simplified and intuitive workflow with FortiManger for management and zero touch deployment

- Strong security posture with next generation firewall and real-time threat protection
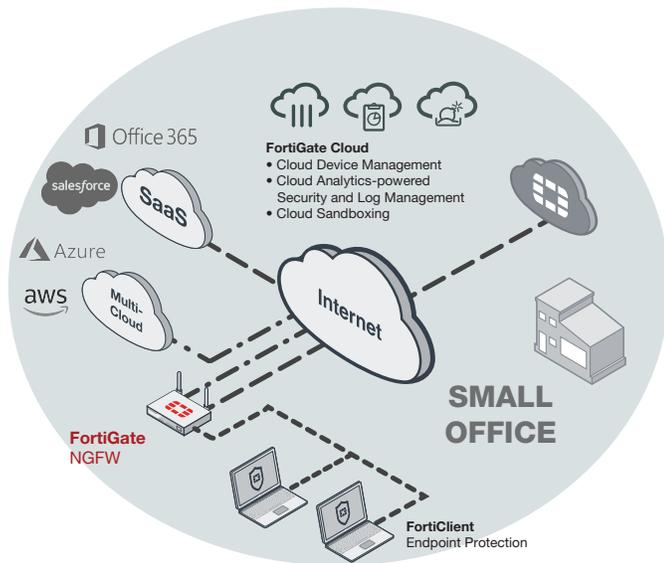
Small Office Deployment (NGFW)
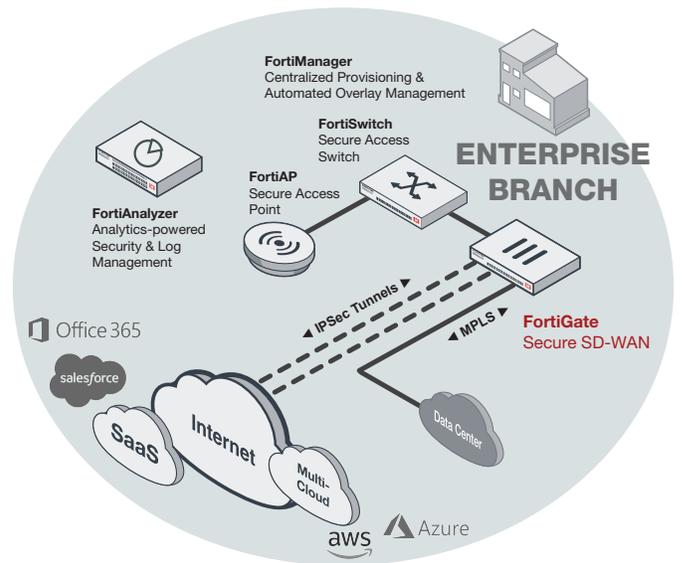
Enterprise Branch Deployment (Secure SD-WAN)

HARDWARE

FortiGate / FortiWiFi 60F/61F
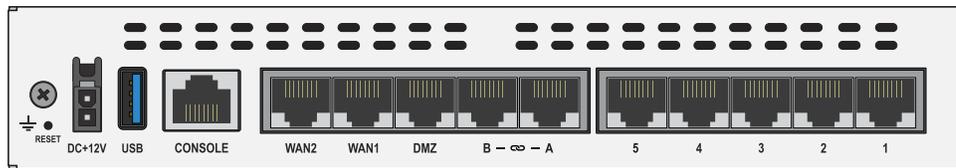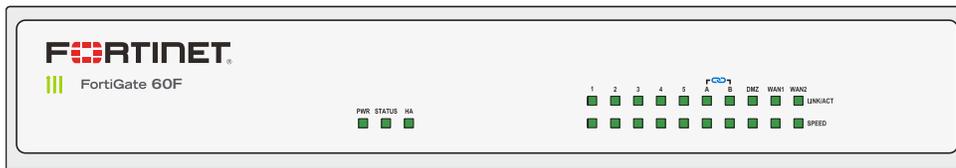
Interfaces

1. 1x USB Port
2. 1x Console Port
3. 2x GE RJ45 WAN Ports
4. 1x GE RJ45 DMZ Port
5. 2x GE RJ45 FortiLink Ports
6. 5x GE RJ45 Internal Ports

Hardware Features

SOC4   Desktop   a/b/g/n /ac-W2   128GB

Powered by Purpose-built Secure SD-WAN ASIC SOC4

SPU

- Combines a RISC-based CPU with Fortinet's proprietary Security Processing Unit (SPU) content and network processors for unmatched performance

- Delivers industry's fastest application identification and steering for efficient business operations

- Accelerates IPsec VPN performance for best user experience on direct internet access

- Enables best of breed NGFW Security and Deep SSL Inspection with high performance

- Extends security to access layer to enable SD-Branch transformation with accelerated and integrated switch and access point connectivity

- Reduces environmental footprint by saving on average over 60% in power consumption compared to previous generation of FortiGate models

3G/4G WAN Connectivity

The FortiGate 60F Series includes a USB port that allows you to plug in a compatible third-party 3G/4G USB modem, providing additional WAN connectivity or a redundant link for maximum reliability.

Compact and Reliable Form Factor

Designed for small environments, you can place it on a desktop or wall-mount it. It is small, lightweight, yet highly reliable with superior MTBF (Mean Time Between Failure), minimizing the chance of a network disruption.

Secure Access Layer

FortiLink protocol enables you to converge security and the network access by integrating the FortiSwitch into the FortiGate as a logical extension of the NGFW. These FortiLink enabled ports can be reconfigured as regular ports as needed.

FORTINET SECURITY FABRIC

Security Fabric

The industry's highest-performing cybersecurity platform, powered by FortiOS, with a rich ecosystem designed to span the extended digital attack surface, delivering fully automated, self-healing network security.

- **Broad**: Coordinated detection and enforcement across the entire digital attack surface and lifecycle with converged networking and security across edges, clouds, endpoints and users

- **Integrated**: Integrated and unified security, operation, and performance across different technologies, location, deployment options, and the richest Ecosystem

- **Automated**: Context aware, self-healing network & security posture leveraging cloud-scale and advanced AI to automatically deliver near-real-time, user-to-application coordinated protection across the Fabric

The Fabric empowers organizations of any size to secure and simplify their hybrid infrastructure on the journey to digital innovation.
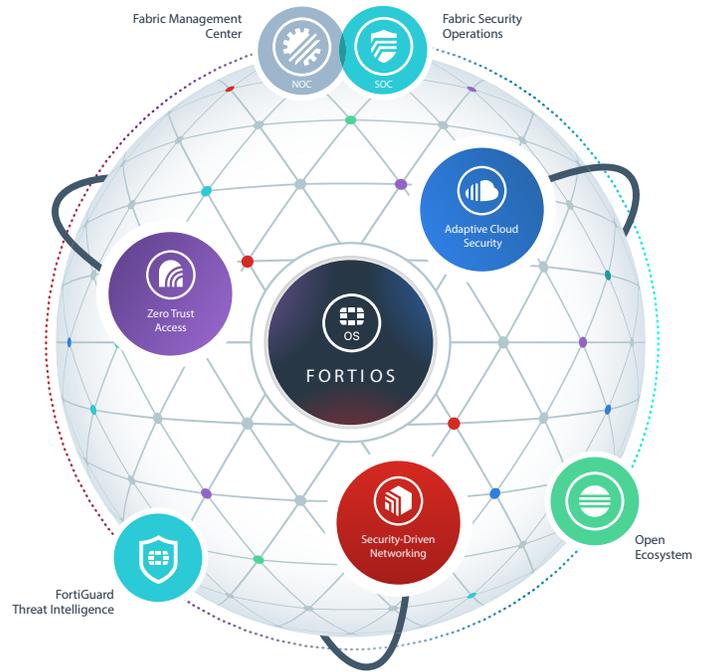
FortiOS™ Operating System

FortiOS, Fortinet's leading operating system enable the convergence of high performing networking and security across the Fortinet Security Fabric delivering consistent and context-aware security posture across network endpoint, and clouds. The organically built best of breed capabilities and unified approach allows organizations to run their businesses without compromising performance or protection, supports seamless scalability, and simplifies innovation consumption.

The release of FortiOS 7 dramatically expands the Fortinet Security Fabric's ability to deliver consistent security across hybrid deployment models consisting on appliances, software and As-a-Service with SASE, ZTNA and other emerging cybersecurity solutions.

SERVICES

FortiGuard™ Security Services

FortiGuard Labs offers real-time intelligence on the threat landscape, delivering comprehensive security updates across the full range of Fortinet's solutions. Comprised of security threat researchers, engineers, and forensic specialists, the team collaborates with the world's leading threat monitoring organizations and other network and security vendors, as well as law enforcement agencies.

FortiCare™ Services

Fortinet is dedicated to helping our customers succeed, and every year FortiCare services help thousands of organizations get the most from their Fortinet Security Fabric solution. We have more than 1000 experts to help accelerate technology implementation, provide reliable assistance through advanced support, and offer proactive care to maximize security and performance of Fortinet deployments.

SPECIFICATIONS

	FORTIGATE 60F	FORTIGATE 61F	FORTIWIFI 60F	FORTIWIFI 61F
Hardware Specifications				
GE RJ45 WAN / DMZ Ports	2 / 1	2 / 1	2 / 1	2 / 1
GE RJ45 Internal Ports	5	5	5	5
GE RJ45 FortiLink Ports (Default)	2	2	2	2
Wireless Interface	–	–	Single Radio (2.4GHz/5GHz), 802.11 a/b/g/n/ac-W2	Single Radio (2.4GHz/5GHz), 802.11 a/b/g/n/ac-W2
USB Ports	1	1	1	1
Console (RJ45)	1	1	1	1
Internal Storage	–	1 × 128 GB SSD	–	1 × 128 GB SSD
System Performance — Enterprise Traffic Mix				
IPS Throughput [2]	1.4 Gbps			
NGFW Throughput [2, 4]	1 Gbps			
Threat Protection Throughput [2, 5]	700 Mbps			
System Performance				
Firewall Throughput (1518 / 512 / 64 byte UDP packets)	10/10/6 Gbps			
Firewall Latency (64 byte UDP packets)	3.3 µs			
Firewall Throughput (Packets Per Second)	9 Mpps			
Concurrent Sessions (TCP)	700 000			
New Sessions/Second (TCP)	35 000			
Firewall Policies	5000			
IPsec VPN Throughput (512 byte) [1]	6.5 Gbps			
Gateway-to-Gateway IPsec VPN Tunnels	200			
Client-to-Gateway IPsec VPN Tunnels	500			
SSL-VPN Throughput	900 Mbps			
Concurrent SSL-VPN Users (Recommended Maximum, Tunnel Mode)	200			
SSL Inspection Throughput (IPS, avg. HTTPS) [3]	630 Mbps			
SSL Inspection CPS (IPS, avg. HTTPS) [3]	400			
SSL Inspection Concurrent Session (IPS, avg. HTTPS) [3]	55 000			
Application Control Throughput (HTTP 64K) [2]	1.8 Gbps			
CAPWAP Throughput (HTTP 64K)	8 Gbps			
Virtual Domains (Default / Maximum)	10 / 10			
Maximum Number of FortiSwitches Supported	16			
Maximum Number of FortiAPs (Total / Tunnel Mode)	64 / 32			
Maximum Number of FortiTokens	500			
High Availability Configurations	Active-Active, Active-Passive, Clustering			
Dimensions				
Height x Width x Length (inches)	1.5 × 8.5 × 6.3			
Height x Width x Length (mm)	38.5 × 216 × 160 mm			
Weight	2.23 lbs (1.01 kg)			
Form Factor	Desktop			
Radio Specifications				
Multiple User (MU) MIMO	–	–	3×3	
Maximum Wi-Fi Speeds	–	–	1300 Mbps @ 5 GHz, 450 Mbps @ 2.4 GHz	
Maximum Tx Power	–	–	20 dBm	
Antenna Gain	–	–	3.5 dBi @ 5 GHz, 5 dBi @ 2.4 GHz	

Note: All performance values are "up to" and vary depending on system configuration.
1. IPsec VPN performance test uses AES256-SHA256.
2. IPS (Enterprise Mix), Application Control, NGFW and Threat Protection are measured with Logging enabled.
3. SSL Inspection performance values use an average of HTTPS sessions of different cipher suites.
4. NGFW performance is measured with Firewall, IPS and Application Control enabled.
5. Threat Protection performance is measured with Firewall, IPS, Application Control and Malware Protection enabled.

SPECIFICATIONS

	FORTIGATE 60F	FORTIGATE 61F	FORTIWIFI 60F	FORTIWIFI 61F
Operating Environment and Certifications				
Power Rating	12Vdc, 3A			
Power Required	Powered by External DC Power Adapter, 100–240V AC, 50/60 Hz			
Maximum Current	100Vac/1.0A, 240Vac/0.6A			
Power Consumption (Average / Maximum)	10.17 W / 12.43 W	17.2 W / 18.7 W	17.2 W / 18.7 W	17.5 W / 19.0 W
Heat Dissipation	63.1 BTU/hr	63.8 BTU/hr	63.8 BTU/hr	64.8 BTU/hr
Operating Temperature	32–104°F (0–40°C)			
Storage Temperature	-31–158°F (-35–70°C)			
Humidity	Humidity 10–90% non-condensing			
Noise Level	Fanless 0 dBA			
Operating Altitude	Up to 7400 ft (2250 m)			
Compliance	FCC, ICES, CE, RCM, VCCI, BSMI, UL/cUL, CB			
Certifications	ICSA Labs: Firewall, IPsec, IPS, Antivirus, SSL-VPN			

ORDERING INFORMATION

Product	SKU	Description
FortiGate 60F	FG-60F	10x GE RJ45 ports (including 7x Internal ports, 2x WAN ports, 1x DMZ port)
FortiGate 61F	FG-61F	10x GE RJ45 ports (including 7x Internal ports, 2x WAN ports, 1x DMZ port), 128 GB SSD onboard storage
FortiWiFi 60F	FWF-60F-[RC]	10x GE RJ45 ports (including 7x Internal Ports, 2x WAN Ports, 1x DMZ Port), Wireless (802.11 a/b/g/n/ac-W2)
FortiWiFi 61F	FWF-61F-[RC]	10x GE RJ45 ports (including 7x Internal Ports, 2x WAN Ports, 1x DMZ Port), Wireless (802.11 a/b/g/n/ac-W2), 128GB SSD onboard storage
Optional Accessories		
Rack Mount Tray	SP-RACKTRAY-02	Rack mount tray for all FortiGate E series and F series desktop models are backwards compatible with SP-RackTray-01. For list of compatible FortiGate products, visit our Documentation website, docs.fortinet.com
AC Power Adaptor	SP-FG60E-PDC-5	Pack of 5 AC power adaptors for FG/FWF 60E/61E, 60F/61F, and 80E/81E
Wall Mount Kit	SP-FG60F-MOUNT-20	Pack of 20 wall mount kits for FG/FWF-60F and FG/FWF-80F series

[RC] = regional code: A, B, D, E, F, I, J, N, P , S, V, and Y

BUNDLES

FortiGuard Bundle

FortiGuard Labs delivers a number of security intelligence services to augment the FortiGate firewall platform. You can easily optimize the protection capabilities of your FortiGate with one of these FortiGuard Bundles.

Bundles	Enterprise Protection	SMB Protection	Unified Threat Protection	Advanced Threat Protection
FortiCare	24×7	24×7	24×7	24×7
FortiGuard App Control Service	•	•	•	•
FortiGuard IPS Service	•	•	•	•
FortiGuard Advanced Malware Protection (AMP) — Antivirus, Mobile Malware, Botnet, CDR, Virus Outbreak Protection and FortiSandbox Cloud Service	•	•	•	•
FortiGuard Web and Video[1] Filtering Service	•	•	•	
FortiGuard Antispam Service	•	•	•	
FortiGuard Security Rating Service	•			
FortiGuard IoT Detection Service	•			
FortiGuard Industrial Service	•			
FortiConverter Service	•			
FortiGate Cloud Subscription		•		

1. Available when running FortiOS 7.0

www.fortinet.com