À

SECRETARIA DE ESTADO DE PLANEJAMENTO, ORÇAMENTO E ADMINISTRAÇÃO DO DISTRITO FEDERAL – SEPLAD

Praça do Buriti, Edifício Anexo do Palácio do Buriti, 5º Andar, Ala Leste, Sala 506, CEP.: 70.075-900-Brasília-DF

Edital do Pregão Eletrônico nº 062/2023
Processo nº 04033-00001671/2023-84

Objeto: Registro de preços para eventual contratação de empresas prestadoras de serviço de conectividade IP dedicado à Internet, com proteção contra ataques denegação de serviços do tipo DoS (Denial of Service) / DDoS (Distributed Denial of Service), incluindo instalação, manutenção e equipamentos exigidos para operfeito funcionamento da solução, conforme condições e especificações constantes neste Termo de Referência e seus Anexos.

Proposta que faz a empresa **Claro S/A**, inscrita no CNPJ n.º 40.432.544/0001-47 e inscrição estadual n.º 114.814.878.119, estabelecida na Rua Henri Dunant, nº 780 – Torres A e B, São Paulo/SP - CEP 04.709-110, para a contratação supramencionada, de acordo com todas as especificações e condições do Termo de Referência e seus Anexos.

Grupo 3

Serviço							Estimativa							
Grupo	**Item**	**Serviço**	**Descrição**	**QTD**	**Unidade de Medida**	**Velocidade (Gbps)**	**Valor Mensal do Circuito com velocidade de 10 Gbps (VMC10) (R$)**	**Valor Mensal do Circuito com velocidade de 12 Gbps (VMC12) (R$)**	**Valor Mensal do Circuito com velocidade de 14 Gbps (VMC14) (R$)**	**Valor Mensal do Circuito com velocidade de 16 Gbps (VMC16) (R$)**	**Valor Mensal do Circuito com velocidade de 18 Gbps (VMC18) (R$)**	**Valor Mensal do Circuito com velocidade de 20 Gbps (VMC20) (R$)**	**Valor Anual Total Máximo do Item (VMC20*12) (R$)**	**Valor Total Máximo do Item para 48 meses (VMC20*48) (R$)**
3	1	Link Internet	Fornecimento de circuito de internet do tipo IP dedicado com velocidade escalável de 10 Gbps até 20 Gbps, de acordo com a demanda, para instalação no Data Center Principal.	12	Mês	10, 12, 14, 16, 18 ou 20 Gbps sob demanda	R$ 32.890,55	R$ 39.468,66	R$ 46.046,77	R$ 52.624,88	R$ 59.202,99	**R$ 65.781,10**	**R$ 789.373,20**	**R$ 3.157.492,80**
	Item	**Serviço**	**Descrição**	**QTD**	**Unidade de Medida**	**Velocidade (Gbps)**	**Valor**						**Valor Anual Total (R$)**	**Valor Total Máximo do Item para 48 meses**
	2	Instalação	Serviço de instalação de equipamentos	1	Serviço	-	**R$**					-	**R$** -	**R$** -
	Item	**Serviço**	**Descrição**	**QTD**	**Unidade de Medida**	**Velocidade (Gbps)**	**Valor Mensal da Proteção Anti-DoS/DDoS de 10GB (VMP10) (R$)**	**Valor Mensal da Proteção Anti-DoS/DDoS de 12GB (VMP12) (R$)**	**Valor Mensal da Proteção Anti-DoS/DDoS de 14GB (VMP14) (R$)**	**Valor Mensal da Proteção Anti - DoS/DDoS de 16GB (VMP16) (R$)**	**Valor Mensal da Proteção Anti-DoS/DDoS de 18GB (VMP18) (R$)**	**Valor Mensal da Proteção Anti-DoS/DDoS de 20GB (VMP20) (R$)**	**Valor Anual Total Máximo do Item (VMP40*12) (R$)**	**Valor Total Máximo do Item para 48 meses (VMC40*48) (R$)**
	3	Proteção Anti-DoS/DDoS	Proteção Anti-DoS/DDoS escalável de 10GB até 20GB no backbone nacional e no backbone internacional.	12	Mês	10, 12, 14, 16, 18 ou 20 GB sob demanda	R$ 8.397,83	R$ 10.077,40	R$ 11.756,96	R$ 13.436,53	R$ 15.116,09	**R$ 16.795,66**	**R$ 201.547,92**	**R$ 806.191,68**
Valor total do Grupo 3												**R$ 82.576,76**	**R$ 990.921,12**	**R$ 3.963.684,48**

Valor total grupo 3: **R$ 3.963.684,48** (Três milhões, novecentos e sessenta e três mil, seiscentos e oitenta e quatro reais e quarenta e oito centavos)

Roteador Fornecido

Fabricante: Fortinet

Modelo: FortiGate 1000F Series

Datasheet anexo

O prazo de validade da presente proposta é de 60 (sessenta) dias corridos, contados da data da abertura da licitação;

O prazo de instalação, ativação e condições de aceitação do objeto, está de acordo com o que estabelece o item 10 do Termo de Referência - Anexo I deste edital;

O prazo de entrega é de até 30 (trinta) dias após o recebimento da Ordem de Serviço, conforme item 9.6 do Termo de Referência - Anexo I deste edital;

Declarações

-Declaramos que os serviços serão executados de acordo com as especificações e condições estabelecidas nos Anexos deste Edital.

-Declaramos que serão repassadas a transferência de conhecimento tecnológico em Brasília-DF, em ambiente disponibilizado por sua responsabilidade, sob as condições estabelecidas no Termo de Referência constante do Anexo I deste Edital, no local onde este serviço será prestado.

-Declaramos que a empresa não possui, em sua cadeia produtiva, empregados executando trabalho degradante ou forçado.

-Declaramos cumprir a reserva de cargos prevista em lei para pessoas com deficiência ou para reabilitados via Previdência Social e que atende às regas de acessibilidade prevista na legislação;

-Declaramos que executaremos os serviços e procederemos a entrega dos produtos de acordo com o prazo, as especificações e demais condições estabelecidas no Termo de Referência -Anexo I deste Edital deste Edital;

-Declaramos que a empresa não incorre nas vedações previstas no art. 9º da Lei nº 8.666, de 21 de junho de 1993, e no art. 1º do Decreto nº 39.860, de 30 de maio de 2019, conforme modelo constante do Anexo XI deste edital;

-Declaramos que esta empresa tomou conhecimento, por intermédio de seu representante técnico, de todas as condições de trabalho referentes aos serviços, nos termos do Termo de Referência.

Dados da Empresa:

Razão Social: Claro S/A
CGC (MF) nº: 40.432.544/0001-47
Inscrição Estadual nº: 114.814.878.119
Inscrição Municipal nº: 2.498.616-0
Endereço: Rua Henri Dunant, nº 780 – Torres A e B, São Paulo/SP - CEP 04.709-110
Fone: (021 61) 2106-8377 **Fax:** (021 61) 2106-8435
Banco: Banco do Brasil (001) **Agência**: 3070-8 **Conta Corrente:** 6014-3

Dados do Representante Legal para participação da licitação e para a assinatura do Contrato:

Nome:	Ivanilde Rosa Bezerra		
Endereço:	Setor Comercial Sul, Quadra 05 Bloco D, Edifício Claro S/A, 3º andar CEP: 70.328-900, Brasília – DF		
Telefone:	(021 61) 2106-8566	**Fax:**	(021 61) 2106-8435
e-mail:	ivanilde.bezerra@claro.com.br		
CPF/MF:	449.170.403-10	**Cargo/Função:**	Gerente de Contas
Cart. Ident.:	83730797-0	**Expedido por:**	SSP/MA
Domicílio:	Brasília/DF		

Nome:	Fernanda de Paula e Silva Arruda		
Endereço:	Setor Comercial Sul, Quadra 05 Bloco D, Edifício Claro S/A, 3º andar CEP: 70.328-900, Brasília – DF		
Telefone:	(021 61) 2106-7367	**Fax:**	(021 61) 2106-8435
e-mail:	fernanda.paulasilva@embratel.com.br		
CPF/MF:	985.029.641-00	**Cargo/Função:**	Ger. Executiva de Vendas
Cart. Ident.:	3.161.268	**Expedido por:**	SSP/DF
Domicílio:	Brasília/DF		

A empresa Claro S/A, inscrita no CNPJ sob o CNPJ n.º 40.432.544/0001-47 e inscrição estadual n.º 114.814.878.119, estabelecida na Rua Henri Dunant, nº 780 – Torres A e B, São Paulo/SP - CEP 04.709-110, neste ato representada pelo seu representante legal, Ivanilde Rosa Bezerra, inscrito no CPF sob o nº 449.170.403-10, declara interligar-se diretamente a pelo menos 2 (dois) outros sistemas autônomos (AS – Autonomous Systems) nacionais e pelo menos 1 (um) sistema autônomo internacional, relacionados abaixo, e que o somatório das bandas de saída entre os ASN (internacional e nacional) é de 1006 Gigabit/s, tendo ciência do requisito mínimo de 20 Gigabit/s.

(AS – Autonomous Systems)	Internacional/Nacional	Banda de saída
AS 16735 (ALGAR TELECOM S/A)	Nacional	**40 Gbps**
AS 10429 e 18881 (TELEFÔNICA BRASIL S/A)	Nacional	**116 Gbps**
AS 3549 (CENTURYLINK COMUNICAÇÕES DO BRASIL LTDA)	Nacional	**410 Gbps**
AS 2914 (NTT COMMUNICATIONS)	Internacional	**440 Gbps**

Brasília/DF, 15 de dezembro de 2023.

Por ser verdade, firmo a presente,

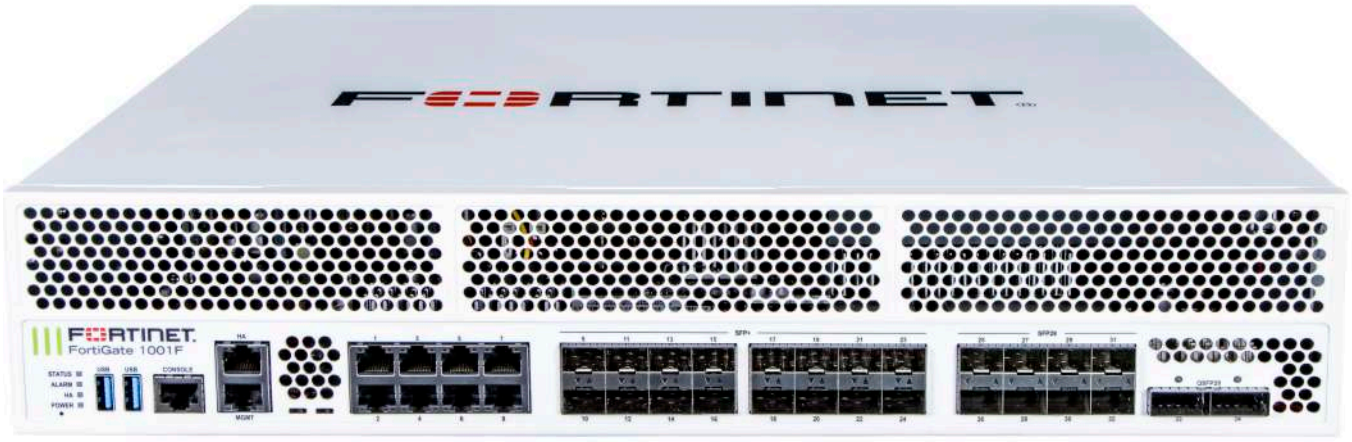
IVANILDE ROSA BEZERRA:44917040310

Assinado de forma digital por IVANILDE ROSA BEZERRA:44917040310
Dados: 2023.12.15 10:41:06 -03'00'

Ivanilde Rosa Bezerra
Executiva de Contas
CPF: 449.170.403-10
RG: 83730797-0 SSP/MA

FortiGate 1000F Series

FG-1000F and FG-1001F



Highlights

Gartner Magic Quadrant Leader for both Network Firewalls and SD-WAN.

Security-Driven Networking FortiOS delivers converged networking and security.

Unparalleled Performance with Fortinet's patented / SPU / vSPU processors.

Enterprise Security with consolidated AI / ML-powered FortiGuard Services.

Hyperscale Security to secure any edge at any scale.

High Performance with Flexibility

The FortiGate 1000F Series enables organizations to build security-driven networks that can weave security deep into their datacenter and across their hybrid IT architecture to protect any edge at any scale.

Powered by a rich set of AI/ML-based FortiGuard Services and an integrated security fabric platform, the FortiGate 1000F Series delivers coordinated, automated, end-to-end threat protection across all use cases.

The industry's first integrated Zero Trust Network Access (ZTNA) enforcement within an NGFW solution, FortiGate 1000F automatically controls, verifies, and facilitates user access to applications delivering consistent convergence with a seamless user experience.

IPS	NGFW	Threat Protection	Interfaces
19 Gbps	15 Gbps	13 Gbps	Multiple 10/1 GE RJ45, 100 GE QSFP28, 40 GE QSFP+, 25 GE SFP28, 10 GE SFP+ slots

Available in

Appliance

Virtual

Hosted

Cloud

Container

FortiOS Everywhere

FortiOS, Fortinet's Advanced Operating System

FortiOS enables the convergence of high performing networking and security across the Fortinet Security Fabric. Because it can be deployed anywhere, it delivers consistent and context-aware security posture across network, endpoint, and multi-cloud environments.

FortiOS powers all FortiGate deployments whether a physical or virtual device, as a container, or as a cloud service. This universal deployment model enables the consolidation of many technologies and use cases into a simplified, single policy and management framework. Its organically built best-of-breed capabilities, unified operating system, and ultra-scalability allows organizations to protect all edges, simplify operations, and run their business without compromising performance or protection.

FortiOS dramatically expands the Fortinet Security Fabric's ability to deliver advanced AI/ML-powered services, inline advanced sandbox detection, integrated ZTNA enforcement, and more, provides protection across hybrid deployment models for hardware, software, and Software-as-a-Service with SASE.

FortiOS expands visibility and control, ensures the consistent deployment and enforcement of security policies, and enables centralized management across large-scale networks with the following key attributes:

- Interactive drill-down and topology viewers that display real-time status
- On-click remediation that provides accurate and quick protection against threats and abuses
- Unique threat score system correlates weighted threats with users to prioritize investigations

Intuitive easy to use view into the network and endpoint vulnerabilities

Visibility with FOS Application Signatures

FortiConverter Service

FortiConverter Service provides hassle-free migration to help organizations transition from a wide range of legacy firewalls to FortiGate Next-Generation Firewalls quickly and easily. The service eliminates errors and redundancy by employing best practices with advanced methodologies and automated processes. Organizations can accelerate their network protection with the latest FortiOS technology.

FortiGuard Services

Network and File Security

Services provide protection against network-based and file-based threats. This consists of Intrusion Prevention (IPS) which uses AI/M models to perform deep packet/SSL inspection to detect and stop malicious content, and apply virtual patching when a new vulnerability is discovered. It also includes Anti-Malware for defense against known and unknown file-based threats. Anti-malware services span both antivirus and file sandboxing to provide multi-layered protection and are enhanced in real-time with threat intelligence from FortiGuard Labs. Application Control enhances security compliance and offers real-time application visibility.

Web / DNS Security

Services provide protection against web-based threats including DNS-based threats, malicious URLs (including even in emails), and botnet/command and control communications. DNS filtering provides full visibility into DNS traffic while blocking high-risk domains, and protects against DNS tunneling, DNS infiltration, C2 server ID and Domain Generation Algorithms (DGA). URL filtering leverages a database of 300M+ URLs to identify and block links to malicious sites and payloads. IP Reputation and anti-botnet services prevent botnet communications, and block DDoS attacks from known sources.

SaaS and Data Security

Services address numerous security use cases across application usage as well as overall data security. This consists of Data Leak Prevention (DLP) which ensures data visibility, management and protection (including blocking exfiltration) across networks, clouds, and users, while simplifying compliance and privacy implementations. Separately, our Inline Cloud Access Security Broker (CASB) service protects data in motion, at rest, and in the cloud. The service enforces major compliance standards and manages account, user and cloud application usage. Services also include capabilities designed to continually assess your infrastructure, validate that configurations are working effectively and secure, and generate awareness of risks and vulnerabilities that could impact business operations. This includes coverage across IoT devices for both IoT detection and IoT vulnerability correlation.

Zero-Day Threat Prevention

Zero-day threat prevention entails Fortinet's AI-based inline malware prevention, our most advanced sandbox service, to analyze and block unknown files in real-time, offering sub-second protection against zero-day and sophisticated threats across all NGFWs. The service also has a built-in MITRE ATT&CK® matrix to accelerate investigations. The service focuses on comprehensive defense by blocking unknown threats while streamlining incident response efforts and reducing security overhead.

OT Security

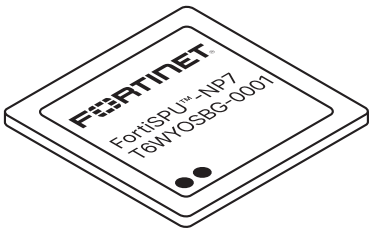
The service provides OT detection, OT vulnerability correlation, virtual patching, OT signatures, and industry-specific protocol decoders for overall robust defense of OT environments and devices.

Secure Any Edge at Any Scale

Powered by Security Processing Unit (SPU)

Traditional firewalls cannot protect against today's content- and connection-based threats because they rely on off-the-shelf hardware and general-purpose CPUs, causing a dangerous performance gap. Fortinet's custom SPU processors deliver the power you need—up to 520Gbps—to detect emerging threats and block malicious content while ensuring your network security solution does not become a performance bottleneck.

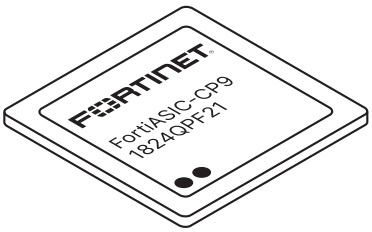
ASIC Advantage



Network Processor 7 NP7

Network Processors operate inline to deliver unmatched performance and scalability for critical network functions. Fortinet's breakthrough SPU NP7 network processor works in line with FortiOS functions to deliver:

- Hyperscale firewall, accelerated session setup, and ultra-low latency
- Industry-leading performance for VPN, VXLAN termination, hardware logging, and elephant flows



Content Processor 9 CP9

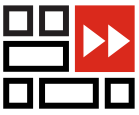
Content Processors act as co-processors to offload resource-intensive processing of security functions. The ninth generation of the Fortinet Content Processor, the CP9, accelerates resource-intensive SSL (including TLS 1.3) decryption and security functions while delivering:

- Pattern matching acceleration and fast inspection of real-time traffic for application identification
- IPS pre-scan/pre-match, signature correlation offload, and accelerated antivirus processing

FortiCare Services

Fortinet is dedicated to helping our customers succeed, and every year FortiCare Services help thousands of organizations get the most from our Fortinet Security Fabric solution. Our lifecycle portfolio offers Design, Deploy, Operate, Optimize, and Evolve services. Operate services offer device-level FortiCare Elite service with enhanced SLAs to meet our customer's operational and availability needs. In addition, our customized account-level services provide rapid incident resolution and offer proactive care to maximize the security and performance of Fortinet deployments.

Use Cases

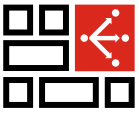


Next Generation Firewall (NGFW)

- FortiGuard Labs' suite of AI-powered Security Services—natively integrated with your NGFW—secures web, content, and devices and protects networks from ransomware and sophisticated cyberattacks
- Real-time SSL inspection (including TLS 1.3) provides full visibility into users, devices, and applications across the attack surface
- Fortinet's patented SPU (Security Processing Unit) technology provides industry-leading high-performance protection

Segmentation

- Dynamic segmentation adapts to any network topology to deliver true end-to-end security—from the branch to the datacenter and across multi-cloud environments
- Ultra-scalable, low latency, VXLAN segmentation bridges physical and virtual domains with Layer 4 firewall rules
- Prevents lateral movement across the network with advanced, coordinated protection from FortiGuard Security Services detects and prevents known, zero-day, and unknown attacks



Secure SD-WAN

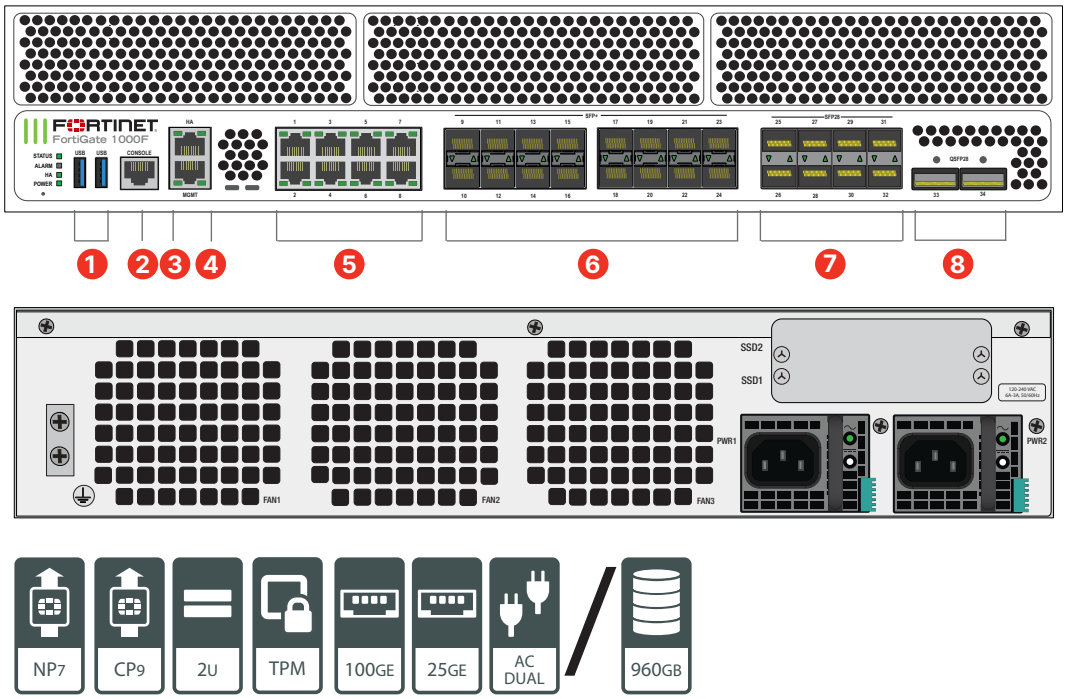
- FortiGate WAN Edge powered by one OS and unified security and management framework and systems transforms and secures WANs
- Delivers superior quality of experience and effective security posture for work-from-any where models, SD-Branch, and cloud-first WAN use cases
- Achieve operational efficiencies at any scale through automation, deep analytics, and self-healing

Mobile Security for 4G, 5G, and IoT

- SPU-accelerated, high performance CGNAT and IPv6 migration options, including: NAT44, NAT444, NAT64/ DNS64, NAT46 for 4G Gi/sGi, and 5G N6 connectivity and security
- RAN Access Security with highly scalable and highest-performing IPsec aggregation and control Security Gateway (SecGW)
- User plane security enabled by full threat protection and visibility into GTP-U inspection

Hardware

FortiGate 1000F Series



Interfaces

1. 2 x USB
2. 1 x Console Port
3. 1 x GE RJ45 Management Port
4. 1 × 2.5 GE / GE HA Port
5. 8 × 10 GE / 5 GE / 2.5 GE / GE / 100M RJ45 Slots
6. 16 × 10 GE SFP+ / GE SFP Slots
7. 8 × 25 GE SFP28 / 10 GE SFP+ / GE SFP Slots
8. 2 × 100 GE QSFP28 / 40 GE QSFP+ Slots

Trusted Platform Module (TPM)

The FortiGate 1000F Series features a dedicated module that hardens physical networking appliances by generating, storing, and authenticating cryptographic keys. Hardware-based security mechanisms protect against malicious software and phishing attacks.

100 GE Connectivity for Network

High-speed connectivity is essential for network security segmentation at the core of data networks. The FortiGate 1000F series provides multiple 100 GE QSFP28 slots, simplifying network designs without relying on additional devices to bridge desired connectivity.

Specifications

	FG-1000F	FG-1001F
Interfaces and Modules		
Hardware Accelerated 100 GE QSFP28 / 40 GE QSFP+ Slots	2	
Hardware Accelerated 25 GE SFP28 / 10 GE SFP+ / GE SFP Slots	8	
Hardware Accelerated 10 GE SFP+ / GE SFP Slots	16	
Hardware Accelerated 10 GE / 5 GE / 2.5 GE / GE / 100M RJ45 Slots	8	
2.5 GE / GE HA Port	1	
10GE/ GE RJ45 Management Ports	1	
USB Ports (Client / Server)	2 / 2	
Console Port	1	
Onboard Storage	No	2× 480 GB
Trusted Platform Module (TPM)	Yes	
Included Transceivers	2x SFP SX	
System Performance — Enterprise Traffic Mix		
IPS Throughput [2]	19 Gbps	
NGFW Throughput [2, 4]	15 Gbps	
Threat Protection Throughput [2, 5]	13 Gbps	
System Performance and Capacity		
IPv4 Firewall Throughput (1518 / 512 / 64 byte, UDP)	198 / 196 / 134 Gbps	
IPv6 Firewall Throughput (1518 / 512 / 86 byte, UDP)	198 / 196 / 134 Gbps	
Firewall Latency (64 byte, UDP)	3.45 µs	
Firewall Throughput (Packet per Second)	201 Mpps	
Concurrent Sessions (TCP)	7.5 Million	
New Sessions/Second (TCP)	650 000	
Firewall Policies	100 000	
IPsec VPN Throughput (512 byte)[1]	55 Gbps	
Gateway-to-Gateway IPsec VPN Tunnels	20 000	
Client-to-Gateway IPsec VPN Tunnels	100 000	
SSL-VPN Throughput[6]	5.3 Gbps	
Concurrent SSL-VPN Users (Recommended Maximum, Tunnel Mode)	10 000	
SSL Inspection Throughput (IPS, avg HTTPS)[3]	10 Gbps	
SSL Inspection CPS (IPS, avg. HTTPS)[3]	11 000	
SSL Inspection Concurrent Session (IPS, avg HTTPS)[3]	600 000	
Application Control Throughput (HTTP 64K)[2]	44 Gbps	
CAPWAP Throughput (HTTP 64K)	65 Gbps	
Virtual Domains (Default / Maximum)	10 / 250	
Maximum Number of FortiSwitches Supported	196	
Maximum Number of FortiAPs (Total / Tunnel)	4096 / 2048	
Maximum Number of FortiTokens	20 000	
High Availability Configurations	Active-Active, Active-Passive, Clustering	

	FG-1000F	FG-1001F
Dimensions and Power		
Height x Width x Length (inches)	3.5 × 17.44 × 17.63	
Height x Width x Length (mm)	88.9 × 443 × 447.4	
Weight	21.94 lbs (9.95 kg)	22.71 lbs (10.3 kg)
Form Factor (supports EIA/non-EIA standards)	Rack Mount, 2RU	
AC Power Supply	100–240VAC, 50/60 Hz	
AC Current (Maximum)	6A@120VAC, 3A@240VAC	
Power Consumption (Average / Maximum)	210 W / 408 W	215 W / 415 W
Heat Dissipation	1211 BTU/h	1229 BTU/h
Power Supply Efficiency Rating	80Plus Compliant	
Redundant Power Supplies (Hot Swappable)	Yes (comes with 2PSU default)	
Operating Environment and Certifications		
Operating Temperature	32°–104°F (0°–40°C)	
Storage Temperature	-31°–158°F (-35°–70°C)	
Humidity	10%–90% non-condensing	
Noise Level	66.7 dBA	
Forced Airflow	Front to Back	
Operating Altitude	Up to 10 000 ft (3048 m)	
Compliance	FCC Part 15 Class A, RCM, VCCI, CE, UL/cUL, CB	
Certifications	USGv6/IPv6	

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.

[6] Uses RSA-2048 certificate.

Subscriptions

Service Category	Service Offering	A-la-carte	Bundles		
			Enterprise Protection	Unified Threat Protection	Advanced Threat Protection
FortiGuard Security Services	IPS Service	•	•	•	•
	Anti-Malware Protection (AMP) — Antivirus, Mobile Malware, Botnet, CDR, Virus Outbreak Protection and FortiSandbox Cloud Service	•	•	•	•
	URL, DNS & Video Filtering Service	•	•	•	
	Anti-Spam		•	•	
	AI-based Inline Malware Prevention Service	•	•		
	Data Loss Prevention Service [1]	•	•		
	OT Security Service (OT Detection, OT Vulnerability correlation, Virtual Patching, OT Signature / Protocol Decoders) [1]	•			
	Application Control		included with FortiCare Subscription		
	CASB SaaS Control		included with FortiCare Subscription		
SD-WAN and SASE Services	SD-WAN Underlay Bandwidth and Quality Monitoring Service	•			
	SD-WAN Overlay-as-a-Service for SaaS-based overlay network provisioning	•			
	SD-WAN Connector for FortiSASE Secure Private Access	•			
	FortiSASE subscription including cloud management and 10Mbps bandwidth license [2]	•			
NOC and SOC Services	FortiGuard Attack Surface Security Service (IoT Detection, IoT Vulnerability Correlation, and Security Rating Updates) [1]	•	•		
	FortiConverter Service	•	•		
	Managed FortiGate Service	•			
	FortiGate Cloud (SMB Logging + Cloud Management)	•			
	FortiAnalyzer Cloud	•			
	FortiAnalyzer Cloud with SOCaaS	•			
	FortiGuard SOCaaS	•			
Hardware and Software Support	FortiCare Essentials	•			
	FortiCare Premium	•	•	•	•
	FortiCare Elite	•			
Base Services	Internet Service (SaaS) DB Updates		included with FortiCare Subscription		
	GeoIP DB Updates				
	Device/OS Detection Signatures				
	Trusted Certificate DB Updates				
	DDNS (v4/v6) Service				

1. Full features available when running FortiOS 7.4.1
2. Desktop Models only

FortiGuard Bundles

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.

FortiCare Elite

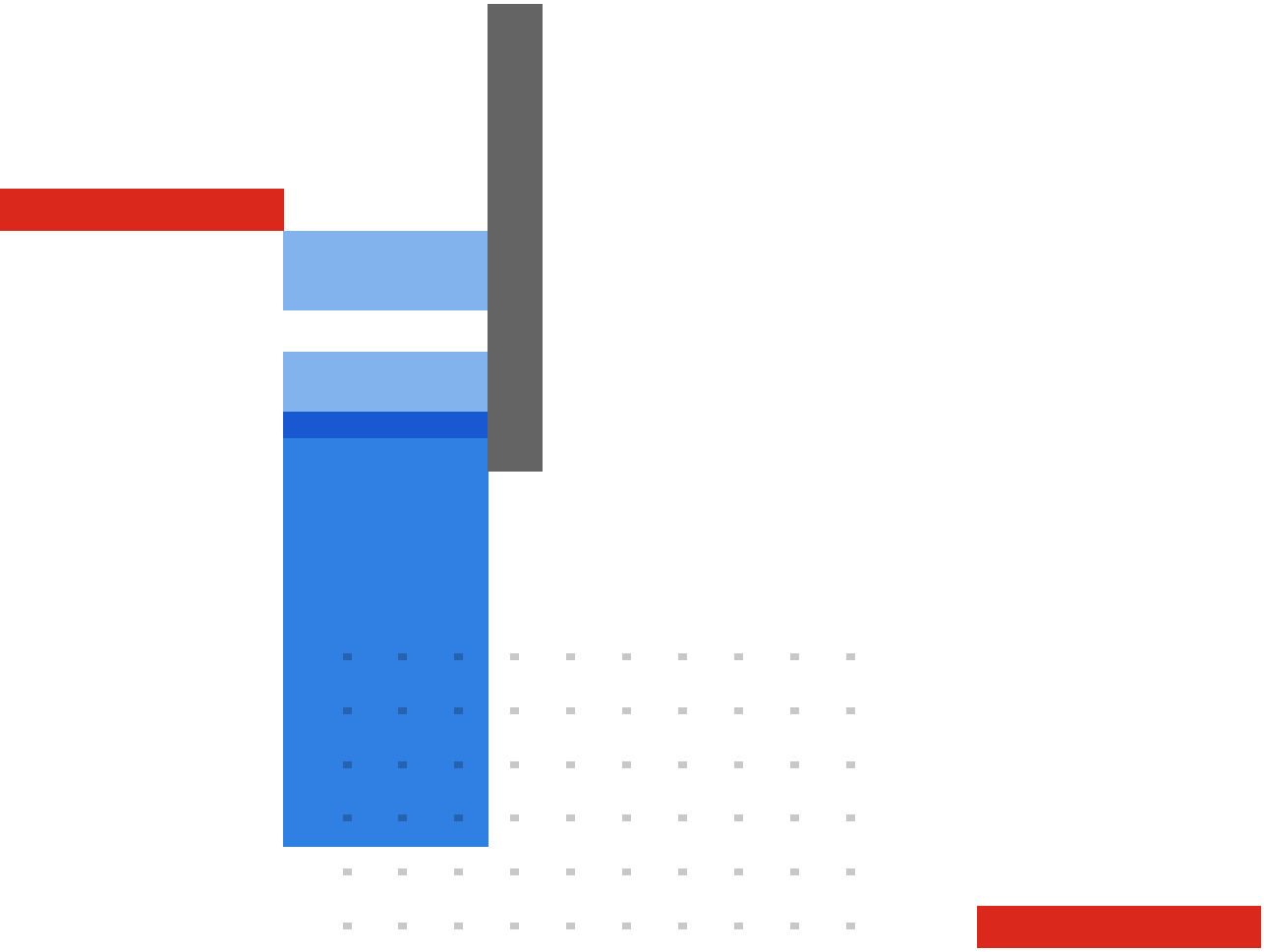
FortiCare Elite offers enhanced SLAs and quick issue resolution through a dedicated support team. It provides single-touch ticket handling, extended Extended End-of-Engineering-Support for 18 months, and access to the new FortiCare Elite Portal for a unified view of device and security health.

Ordering Information

Product	SKU	Description
FortiGate 1000F	FG-1000F	2× 100GE QSFP28 slots , 8× 25GE SFP28 slots, 16× 10GE SFP+ slots, 8× 10GE BASE-T RJ45 ports, 1× 1GE MGMT port, 1× 2.5GE HA port, SPU NP7 and CP9 hardware accelerated, dual AC power supplies.
FortiGate 1001F	FG-1001F	2× 100GE QSFP28 slots , 8× 25GE SFP28 slots, 16× 10GE SFP+ slots, 8× 10GE BASE-T RJ45 ports, 1× 1GE MGMT port, 1× 2.5GE HA port, SPU NP7 and CP9 hardware accelerated, 960GB SSD onboard storage, dual AC power supplies.
Optional Accessories	**SKU**	**Description**
Rack Mount Sliding Rails	SP-FG3040B-RAIL	Rack mount sliding rails for FG-1000C/-DC, FG-1200D, FG-1500D/DC, FG-3040B/-DC, FG-3140B/-DC, FG-3240C/-DC, FG-3000D/-DC, FG-3000/ 3001F, FG-3100D/-DC, FG-3200D/-DC, FG-3400/3401E, FG3600/3601E, FG-3700D/-DC, FG-3700DX, FG-3810D/-DC and FG-3950B/-DC.
AC Power Supply	SP-FG400F-PS	AC power supply for FG-400/401F, FG-600/601F, and FG-1000/1001F power cable SP-FGPCOR-XX sold separately.
1 GE SFP LX Transceiver Module	FN-TRAN-LX	1 GE SFP LX transceiver module for all systems with SFP and SFP/SFP+ slots.
1 GE SFP RJ45 Transceiver Module	FN-TRAN-GC	1 GE SFP RJ45 transceiver module for all systems with SFP and SFP/SFP+slots.
1 GE SFP SX Transceiver Module	FN-TRAN-SX	1 GE SFP SX transceiver module for all systems with SFP and SFP/SFP+ slots.
10 GE SFP+ RJ45 Transceiver Module	FN-TRAN-SFP+GC	10 GE SFP+ RJ45 transceiver module for systems with SFP+ slots.
10 GE SFP+ Transceiver Module, Short Range	FN-TRAN-SFP+SR	10 GE SFP+ transceiver module, short range for all systems with SFP+ and SFP/SFP+ slots.
10 GE SFP+ Transceiver Module, Long Range	FN-TRAN-SFP+LR	10 GE SFP+ transceiver module, long range for all systems with SFP+ and SFP/SFP+ slots.
10 GE SFP+ Transceiver Module, Extended Range	FN-TRAN-SFP+ER	10 GE SFP+ transceiver module, extended range for all systems with SFP+ and SFP/SFP+ slots.
10GE SFP+ Transceiver Module, 30km Long Range	FN-TRAN-SFP+BD27	10GE SFP+ transceiver module, 30km long range single BiDi for systems with SFP+ and SFP/SFP+ slots (connects to FN-TRAN-SFP+BD33, ordered separately)
10GE SFP+ Transceiver Module, (connects to FN-TRAN-SFP+BD27, ordered separately)	FN-TRAN-SFP+BD33	10GE SFP+ transceiver module, 30km long range single BiDi for systems with SFP+ and SFP/SFP+ slots (connects to FN-TRAN-SFP+BD27, ordered separately)
10 GE SFP+ Active Direct Attach Cable, 10m / 32.8 ft	SP-CABLE-ADASFP+	10 GE SFP+ active direct attach cable, 10m / 32.8 ft for all systems with SFP+ and SFP/SFP+ slots.
25 GE SFP28 Transceiver Module, Short Range	FN-TRAN-SFP28-SR	25 GE SFP28 transceiver module, short range for all systems with SFP28 slots.
25 GE SFP28 Transceiver Module, Long Range	FN-TRAN-SFP28-LR	25 GE SFP28 transceiver module, long range for all systems with SFP28 slots.
40 GE QSFP+ Transceiver Module, Short Range	FN-TRAN-QSFP+SR	40 GE QSFP+ transceiver module, short range for all systems with QSFP+ slots.
40 GE QSFP+ Transceiver Module, Short Range BiDi	FG-TRAN-QSFP+SR-BIDI	40 GE QSFP+ transceiver module, short range BiDi for all systems with QSFP+ slots.
40 GE QSFP+ Transceiver Module, Long Range	FN-TRAN-QSFP+LR	40 GE QSFP+ transceiver module, long range for all systems with QSFP+ slots.
100 GE QSFP28 Transceivers, Short Range	FN-TRAN-QSFP28-SR	100 GE QSFP28 transceivers, 4 channel parallel fiber, short range for all systems with QSFP28 slots.
100 GE QSFP28 Transceivers, Long Range	FN-TRAN-QSFP28-LR	100 GE QSFP28 transceivers, 4 channel parallel fiber, long range for all systems with QSFP28 slots.
100 GE QSFP28 BIDI Transceiver Module	FN-TRAN-QSFP28-BIDI	100 GE QSFP28 BIDI transceiver module, 100m MMF LC connector, for systems with QSFP28 slots.
100 GE QSFP28 Transceivers, CWDM4	FN-TRAN-QSFP28-CWDM4	100 GE QSFP28 transceivers, LC connectors, 2KM for all systems with QSFP28 slots.
100 GE QSFP28 BIDI Transceiver Module	FN-TRAN-QSFP28-BIDI	100 GE QSFP28 BIDI transceiver module, short range, for systems with QSFP28 slots.
100 GE QSFP28 BIDI Transceiver Module	FN-TRAN-QSFP28-BIDI-I	100 GE QSFP28 BIDI transceiver module, short range, for systems with QSFP28 slots.
25 GE SFP28 Passive Direct Attach Cable	FN-CABLE-SFP28-1	25 GE SFP28 passive direct attach cable 1m for systems with SFP28 slots.
25 GE SFP28 Passive Direct Attach Cable	FN-CABLE-SFP28-3	25 GE SFP28 passive direct attach cable 3m for systems with SFP28 slots.
25 GE SFP28 Passive Direct Attach Cable	FN-CABLE-SFP28-5	25 GE SFP28 passive direct attach cable 5m for systems with SFP28 slots.
100 GE QSFP28 Breakout to 4× 25 GE SFP28 Passive Direct Attach Cable	FN-CABLE-QSFP28-4SFP28-1	100 GE QSFP28 breakout to 4× 25 GE SFP28 passive direct attach cable, 1m
100 GE QSFP28 Breakout to 4× 25 GE SFP28 Passive Direct Attach Cable	FN-CABLE-QSFP28-4SFP28-3	100 GE QSFP28 breakout to 4× 25 GE SFP28 passive direct attach cable, 3m
100 GE QSFP28 Breakout to 4× 25 GE SFP28 Passive Direct Attach Cable	FN-CABLE-QSFP28-4SFP28-5	100 GE QSFP28 breakout to 4× 25 GE SFP28 passive direct attach cable, 5m

Fortinet CSR Policy

Fortinet is committed to driving progress and sustainability for all through cybersecurity, with respect for human rights and ethical business practices, making possible a digital world you can always trust. You represent and warrant to Fortinet that you will not use Fortinet's products and services to engage in, or support in any way, violations or abuses of human rights, including those involving illegal censorship, surveillance, detention, or excessive use of force. Users of Fortinet products are required to comply with the Fortinet EULA and report any suspected violations of the EULA via the procedures outlined in the Fortinet Whistleblower Policy.



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www.fortinet.com

October 17, 2023

FG-1000F-DAT-R05-20231017

Edital nº 62/2023 – SEPLAD/DF
Proponente: CLARO S.A
Endereço: Rua Henri Dunant, nº 780, Torres A e B Santo Amaro, CEP 04.709-110, São Paulo/SP
CNPJ: 40.432.544/0001-47

ANEXO IX
DECLARAÇÃO DE RESPONSABILIDADE AMBIENTAL

A empresa CLARO S.A, inscrita no CNPJ sob o nº 40.432.544/0001-47, por intermédio de seu representante legal o Sra. Sra. Ivanilde Rosa Bezerra, portador da Carteira de Identidade nº: 837307970 SSP/MA e do CPF nº: 449.170.403-10, doravante denominado Licitante, para fins do disposto no PE nº 62/2023 – COLIC/SCG/SECONTI/SEPLAD-DF,em atendimento a Lei Distrital n° 4.770/2012, declara, sob as penas da lei, em especial o art. 299 do Código Penal Brasileiro, que:

a) A proponente está ciente de sua responsabilidade ambiental e se compromete em adotar práticas ecologicamente corretas realizando asseguintes ações:
i) Descartar o material utilizado (lâmpadas, cartuchos, recipientes de tintas, caixas de papelão), fazendo a separação dos resíduos recicláveis, tendo o cuidado necessário com acondicionamento dos materiais tóxicos: lâmpadas à base de vapor de mercúrio, sódio ou similar; cartuchos e recipientes de tintas e outros, de modo a evitar a evaporação de produtos tóxicos no meio ambiente.
ii) Destinações dos materiais recicláveis às cooperativas e associações dos catadores incentivando a prática da reciclagem e a proteção do meio ambiente.
iii) Utilizar papéis originários de áreas de reflorestamento para reprodução de documentos; sendo que para os fins a que se destina esta licitação, somente será utilizado papel reciclado na forma do exigido no Edital de Licitação.
b) A empresa reconhece sua responsabilidade com o meio ambiente, adotando todas as medidas necessárias para evitar, atenuar ou reparar os impactos resultantes desta atividade, mantendo-se disponível à fiscalização pelos Órgãos responsáveis, e que já iniciou (ou está em fase deimplantação) as seguintes medidas necessária , tendo como meta em um prazo de definido do programa para atingir o nível mínimo para reconhecimento pelos Organismos Ambientais de Empresa Sustentável.
c) Que está plenamente ciente do teor e da extensão desta declaração e que detém plenos poderes e informações para firmá-la, conforme exigido no PE nº 62/2023 – COLIC/SCG/SECONTI/SEPLAD-DF.

Brasília, 14 de Dezembro de 2023.

_____
Ivanilde Rosa Bezerra
CPF: 449.170.403-10
Executiva de Contas

Edital nº 62/2023 – SEPLAD/DF

Proponente: CLARO S.A
Endereço: Rua Henri Dunant, nº 780, Torres A e B Santo Amaro, CEP 04.709-110, São Paulo/SP
CNPJ: 40.432.544/0001-47

ANEXO III DO TERMO DE REFERÊNCIA
DECLARAÇÃO DE ABSTENÇÃO DE VISTORIA

A empresa CLARO S.A, inscrita no CNPJ sob o nº 40.432.544/0001-47, por intermédio de seu representante legal o Sra. Ivanilde Rosa Bezerra, portador da Carteira de Identidade nº: 837307970 SSP/MA e do CPF nº: 449.170.403-10, DECLARA, que se ABSTEM de realizar vistoria e estáciente que não poderá alegar desconhecimento do local, bem como das dificuldades que poderão surgir no curso da execução dos serviços objeto do PregãoEletrônico nº 62/2023.

Brasília, 14 de Dezembro de 2023.

IVANILDE ROSA BEZERRA:44917040310

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Ivanilde Rosa Bezerra
CPF: 449.170.403-10
Executiva de Contas

Edital nº 62/2023 – SEPLAD/DF

Proponente: CLARO S.A
Endereço: Rua Henri Dunant, nº 780, Torres A e B Santo Amaro, CEP 04.709-110, São Paulo/SP
CNPJ: 40.432.544/0001-47

ANEXO VI
TERMO DE CONFIDENCIALIDADE

A empresa CLARO S.A, inscrita no CNPJ sob o nº 40.432.544/0001-47, por intermédio de seu representante legal o Sra. Ivanilde Rosa Bezerra, portador da Carteira de Identidade nº: 837307970 SSP/MA e do CPF nº: 449.170.403-10, abaixo firmado, assume ocompromisso de manter confidencialidade e sigilo sobre todas as informações técnicas e outras relacionadas a contratação de empresa especializada em Tecnologia da Informação – TI para a prestação dos serviços de serviço de conectividade IP dedicado à Internet, com proteção contra ataques de negação de serviços do tipo DoS Denial of Service / DDoS Distributed Denial of Service, incluindo instalação, manutenção e equipamentos exigidos para o perfeito funcionamento da solução, conforme condições e especificações constantes dos Anexos do Edital de Pregão Eletrônico n.º 62/2023-COLIC/SCG/SECONTI/SEPLAD-DF.

Por este termo de confidencialidade compromete-se:
1. A não utilizar as informações confidenciais a que tiver acesso, para gerar benefício próprio exclusivo e/ou unilateral, presente ou futuro, ou para uso de terceiros;
2. A não efetuar nenhuma gravação ou cópia da documentação confidencial a que tiver acesso relacionada a prestação dos serviços acima mencionada;
3. A não apropriar-se para si ou para outrem de material confidencial e/ou sigiloso que venha a ser disponível através da prestação dos serviços acima mencionados;
4. A não repassar o conhecimento das informações confidenciais, responsabilizando-se por todas as pessoas que vierem a ter acesso às informações, por seu intermédio, e obrigando-se, assim, a ressarcir a ocorrência de qualquer dano e/ou prejuízo oriundo de uma eventual quebra de sigilo das informações fornecidas.
Neste termo, as seguintes expressões serão assim definidas:
“informação confidencial” significará toda informação revelada relacionada a prestação dos serviços acima descritos, através da execução do projeto,a respeito de, ou, associada com a Avaliação, sob a forma escrita, verbal ou por quaisquer outros meios.
“Informação Confidencial” inclui, mas não se limita, à informação relativa às operações, processos, planos ou intenções, informações sobreprodução, instalações, equipamentos, segredos de negócio, dados, habilidades especializadas, projetos, métodos e metodologia, fluxogramas,especificações, componentes, fórmulas, produtos, amostras, diagramas, desenhos, desenhos de esquema industrial, patentes, oportunidades demercado e questões relativas a negócios revelados durante a execução do projeto.

“Avaliação” significará todas e quaisquer discussões, conversações ou negociações entre, ou com as partes, de alguma forma relacionada ou associada com a apresentação da proposta acima mencionada.

A vigência da obrigação de confidencialidade, assumida por esta empresa por meio deste termo, terá validade por 20 anos, ou enquanto a informação não for tornada de conhecimento público pelo poder público, ou ainda, mediante autorização escrita, concedida à empresa pelas partes interessadas neste termo.

Pelo não cumprimento do presente Termo de Confidencialidade, fica o abaixo assinado ciente de todas as sanções judiciais que poderão advir.

Brasília, 14 de Dezembro de 2023.

IVANILDE ROSA BEZERRA:44917040310

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Ivanilde Rosa Bezerra
CPF: 449.170.403-10
Executiva de Contas