Special Conditions of Contract

GCC Clause	
1.1(g)	The Procuring Entity is
	BASES CONVERSION AND DEVELOPMENT AUTHORITY
1.1(i)	The Supplier is [to be inserted at the time of contract award].
1.1(j)	The Funding Source is
	The Government of the Philippines (GOP) through BCDA's Corporate Operating Budget in the amount not to exceed FIVE MILLION FIVE HUNDRED THOUSAND PESOS (Php 5,500,000.00), inclusive of all applicable taxes, fees and other charges.
1.1(k)	The Project Site is at:
	BCDA Corporate Center, 2/F Bonifacio Technology Center, 31 st St., Corner 2 nd Avenue, Bonifacio Global City, Taguig City
2.1	No further instructions.
5.1	The Procuring Entity's address for Notices is:
	BCDA Corporate Center, 2nd Floor Bonifacio Technology Center, 31st St., Corner 2nd Avenue, Bonifacio Global City, Taguig City
	The Supplier's address for Notices is:
6.2	The Contract shall be issued in the form of a Purchase Order (PO)
Tho	Delivery of the GOODS shall be made by the Supplier in accordance with the terms specified in Schedule of Requirements.
10.4	Not applicable.
10.5	Payment using LC is not allowed.
11.3	Maintain the GCC Clause.
13.4(c)	No further instructions.
16.1	None.
17.3	Please refer to the Technical Specifications.



17.4	Please see Technical Specifications on the details of service during warranty.
21.1	If the Supplier is a joint venture, "All partners to the joint venture shall be jointly and severally liable to the Procuring Entity"
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<i>\)</i> ,	



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Schedule of Requirements

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

Description	Quantity	Delivered, Weeks/Months
Data Center and Netwok	1	Within 10 – 60 calendar days
Security Solution		from receipt of Purchase Order.
		Project site:
		BCDA Corporate Center, 2/F
		Bonifacio Technology Center, 31 st St.,
		Corner 2 nd Avenue, Bonifacio Global
		City, Taguig City
der's Authorized Representative:		*69.0,
gnature over Printed Name		
incipal Bidder / Supplier		
Topal Biddel / Supplier		
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Bidder's Authorized Representative:
Signature over Printed Name
Principal Bidder / Supplier



Section VII. Technical Specifications Compliance Form



TECHNICAL SPECIFICATION

SPECIFICATIONS		Comp	liance
Data Center and Network Security Solu	ution	Compliant	Non- Compliant
One (1) unit network-wide threat dete protection appliance	ection and		Compliant
General Specifications:			6
Able to inspect the multi-protocol sessions to de flag the suspicious activity including suspicious f downloads through the web, the suspicious mail attachment and internal infections. Support the native Common Event Format (CEF	file il		
Event Extended Format (LEEF) for Security Info and Event Management (SIEM) log integration.			
Anti-APT (Advanced Persistent Threat) solution perform advanced network detection and analys enterprise's internal network.			
Upon detection of the threat, should be able to p behavior analysis for advance detection	perform		
Have event detection capabilities that should incomalware type, severity, source and destination of			
Provide risk based alerts or logs to help prioritize remediation effort		**************************************	······································
Deployed on premise along with on premise san capability	ndboxing		
Able to store real payload of the detected threats	ts		
Able to store packet captures (PCAP) of all malicommunications detected by sandbox	icious		
Use OS sandboxes for detecting zero day malwashould not be a CPU or chip based function	ares. This		
Ability to interrupt malicious communication.		and the second s	
No limitation in terms of supported users and lim should be accounted in terms of only bandwidth.			
Support XFF (XForwarded-For) to identify the IP of a host in a proxy/Network Address Translation environment.	1		
Able to integrate with its own threat intelligence purther investigation, understanding and remedia attack.	•	***************************************	
Solution deployment should cause limited interruthe current network environment.	uption to		
Should allow BCDA to gain visibility to the intern networks and flag detected threats immediately.			
Ability to support out-of-band detection.			

Able to detect (lateral moments) movement of the attacker without the need of installing agents on endpoint/server machines		
Should not have any port based limitation and should support all ports.		
Support at least 100+ protocols for inspection.		
Support to monitor traffic from multiple segments like Wide Area Network (WAN), Demilitarized Zone (DMZ), Server Farm, Wi-Fi network, Multiprotocol Label Switching (MPLS) links etc. simultaneously on a single appliance.		69
Support up to 5 network segments on a single appliance.		
Able to detect any suspicious communication within and outside of customer's network	S	
Able to detect communications to known command and control centers		
Able to detect reputation of Uniform Resource Locator (URL) being accessed		
Able to identify and help customer to understand the severity and stage of each attack		
Should have built in capabilities to add exceptions for detections		
Should have capabilities to configure files, IP, URLs and domains to black list or white list		
Should support multiple protocols for inspection. example:- Hypertext Transfer Protocol (HTTP), File Transfer Protocol		
(FTP), Simple Mail Transfer Protocol (SMTP), Simple Network Management Protocol (SNMP), Instant Message (IM) Internet Below Chat (IBC), Damain Name System		
(IM), Internet Relay Chat (IRC), Domain Name System (DNS) and P2P protocols, internal direction: Server		
Message Block (SMB), database protocol (MySQL, MSSQL, Oracle) on a single device		
Should have a co-relation engine to automatically co-relate across multiple protocol, multiple sessions and volume traffic analysis.	The second secon	n en
Must provide a web service interface/Application		
Programming Interface (API) for customer to customize their own system integration		
Have capabilities to correlate the detections on the device itself.		
Support remote packet capturing to pass the Kerberos traffic from the remote location for analysis		
Should monitor inter-Virtual Machine (VM) traffic on a Port Mirror session.		
Should provide correlated threat data such as: Internet		
Protocol (IP) addresses, DNS domain names, URLs, filenames, process names, Windows registry entries, file		-
hashes, malware detections and malware families through a portal.		



		·	,
	Able to run at least 4 parallel sandboxes for analysis of payload.		
	Should have option to allow sandbox instances to use a proxy for internet access.		
	Support for analysis of embedded URLs in Portable		
	Document Format (PDFs)		
	Support IPv6 environments and be able to tap into IPv6		
	network streams, perform analysis, and output IPv6-based		
200000	network detection results.		
	Should have multiple built-in virtual execution		
23.25.05.05	environments within single appliance to simulate the file		
	activities and find malicious behaviors for advanced threat	~'0	
	detection.	4	
10 00 00	Able to provide detection details including the Common		
	Vulnerabilities and Exposures (CVE)-ID, HTTP referrer and		
	targeted attack campaign name		
	Able to provide customizable sandbox to fulfill customer's environments and needs.	:	
	Sandbox must support multiple operating systems and for		
	both 32-bits and 64-bits Operating System (OS)		
30130 S70 S4	Capability to analyze large files. Must be able to support		
	more than 40MB file size		1
	Sandbox must have the ability to simulate the entire threat		
37.25.27.25	behavior. i.e. honeynet and honeypot framework		
36 (2003)	Support Windows XP, Windows 7, Windows 8, Windows		
	10, MS Server 2003 and MS Server 2008 operating		
	environments for sandboxing this requirement should be		
	based on virtual execution and should not be a hardware		
	or chip based function.		
	The proposed solution should have gray ware detection capabilities.		
	The proposed solution should be able to detect any		
	malicious communication within and outside of Customer's		
	network.		
	The proposed solution must provide a web service		
	interface/API for Customer to customize their own system		
	integration.		
	The Proposed solution should be able to detect Network		
	Attacks and Exploits.		
60.00.00.00	Capability to scale out the detection when the		
	bandwidth/increase in future		
	Capable of performing multiple file format analysis which		
0.000	includes but not limited to the following: LNK, Microsoft		
	objects, pdf, exe files, compressed files, .chm, .swf, .jpg,		
	.dll, .sys, .com and. hwp		
	Should have a built-in document vulnerabilities detection		
	engine to assure analysis precision and analysis efficiency.		
	Capability to export network packet files and encrypted		7
	suspicious files for further investigation.		

Capability to perform tracking and analysis of virus downloads and suspicious files		
Support exporting of analysis results such as Command and Control (C&C) server IP and malicious domain listing		
Capability to scan inside password protected archives		
Capability to detect malwares and spywares on Windows and non-Windows platforms.		
Should have option to configure unrestricted internet for sandboxes		00
Support local password authentication schemes		
Capabilitiy to configure files, IP, URLs and Domains to black list or white list	400	
Capability to detect Mac, Linux and mobile malwares	6,	
Capability to include user-defined and context-derived passwords for protected archives	,	
Capability to configure separate notifications to the administrator or individuals based on specific events like, sandbox detection, black list and license events etc.		
Able to detect known malwares before sending suspicious files to sandbox for analysis		
Able to corelate local Advanced Persistent Threat (APT) attacks with global historical APT attacks.		
Support at least 1 Gbps of throughput		
Should have two (2) x one (1) TB Hard disks		
Should support at least 5x10/100/1000 Ethernet Interfaces		
Capability to detect attacker behavior within the network like (hash dumping, Hash Validation, Data Extraction from Database servers, DNS queries to suspicious or known C&C Servers, etc)		
Able to detect malicious and suspicious behaviors during non-office hours		
Should have on box correlation of threats		
Support open Web Services API for 3rd party or scripting integration		
Support manual submission for analysis		
Able to identify suspicious embedded object in document file like Object Linking and embedding (OLE) & macro extraction, shellcode & exploit matching		
Able to detect malicious or malformed file zero-day detection and script embedding		
Able to detect and alert if file has suspicious attributes like true-file type, file extension & naming trick		
Support Microsoft Office 2016 application for Office file analysis in sandbox images	:	

Report:		******
Should have an intuitive dashboard that offers real time		
threat visibility and attack characteristics.		
Should provide reports with (but not limited to) HTML/CSV/PDF formats		
Review detection details based on predefined smart filters		
Able to schedule reports and also provide the flexibility to generate on-demand reports in daily/weekly/monthly/yearly or specific range (by day and time)	· Co	
Support logging of important parameters like source IP, destination IP, ports, protocol, domain, time stamp etc. of the attacks sessions.	S	
Should have the flexibility to provide customizable dashboard.		
Should have the option to provide investigative dashboard		
that is capable of displaying correlated graphical data that		
is based on link-graph, geomap, chart, tree-map/pivot		
table. Able to provide in death reporting including the level of risk		
Able to provide in-depth reporting including the level of risk, static scanning results, sandbox assessment, network		
activity analysis, and a source tracking information.		
Able to provide intelligence portal for malware information,		
threat profile and containment remediation		
recommendations where applicable		
Capability to configure separate notifications to the		
administrator or individuals based on specific events like,		
sandbox detection, black List and license events etc.		
Able to generate out of box reports to highlight Infections,		
C&C behavior, lateral moment, asset and data discovery and data exfiltration		
Ability to programmatically output sandbox detections in OpenIOC format		
Able to determine overall host vulnerability levels by		
mapping threats to threat lifecycle rules		
Able to provide details of prevalence, maturity of a given file		
Support remote administration using Secure Shell (SSH)/HTTP Secure (HTTPS)		
Support Command Line Interface (CLI), Graphical User Interface (GUI)/Web based Administration Console.		
Support:		
Should provide daily 8 by 5 phone, email, and remote		
	1	1

Should have access to high-level of support via the principal for critical level concerns		
Should provide professional implementation services		
Should provide an annual health check to ensure that the product is properly working		
Recognition:		Ç
Recognized in the industry for breach detection and performance		
Ten (10) licenses comprehensive security platform for physical, virtual, and cloud servers		
Intrusion Prevention:	antahaha Asarbaha Inter	***************************************
Able to provide Hostbased Intrusion Detection System (HIDS)/Hostbased Intrusion Prevention System (HIPS) feature, agent and agentless		
Feature a high-performance deep packet inspection engine that examines all incoming and outgoing traffic for protocol deviations, content deviations, content that signals an attack, or policy violations		
Able to operate in detection or prevention mode to protect operating systems and enterprise applications vulnerabilities		
Able to provide detailed events with valuable information, including identity of the attackers, when they attacked, and what they attempted to exploit; administrators should be notified automatically via alerts when an incident has occurred		
Able to provide protection against known and zero-day attacks		
Protection can be pushed out to thousands of virtual desktops in minutes without a system reboot		
Includes out-of-the-box vulnerability protection for over 100 applications, including database, Web, email, and FTP services		
Smart rules to provide zero-day protection from unknown exploits that attack an unknown vulnerability, by detecting unusual protocol data containing malicious code		
Exploit rules to stop known attacks and malware and are similar to traditional antivrus signatures in that they use signatures to identify and block individual, known exploits		
Compliance (Payment Card Industry Data Security Standard [PCI DSS] 6.6) to protect web applications and the data they process		•

Must automatically shield newly discovered vulnerabilities within hours, pushing protection to large number of servers		
in minutes without a system reboot Must be able to provide Application Control on the network		
layer		
Firewall Function:	-	2
Includes an enterprise-grade, bi-directional stateful firewall providing centralized management of firewall policy, including predefined templates	ò	
Virtual Machine isolation	100	
Fine-grained filtering (IP and MAC addresses, ports)		
Coverage of all IP-based protocols (Transmission Control Protocol [TCP], User Datagram Protocol [UDP], Internet Control Message Protocol [ICMP], Gateway-to-Gateway Protocol [GGP], Internet Group Management Protocol [IGMP], etc) and all frame types (Internet Protocol [IP], Address Resolution Protocol [ARP], etc.)		
Prevention of denial of service (DoS) attack		
Design policies per network interfaces		
Detection of reconnaissance scans		
Anti Malware:		
Able to avoid resource contention such as antivirus Strom in the virtualized VDI environment		
Able to provide Web reputation filtering to protect against malicious sites for virtual desktops		
<u>Log Inspection:</u>		
Able to provide the capability to inspect logs and events generated by operating systems and applications		
Able to automatically recommend and assign relevant log inspection rules to the server based on the operating system and applications installed		
Able to automatically recommend and unassign log inspections rules that are not required		
Comes with pre-defined template for operating system and enterprise applications to avoid manual creation of the rules		
Able to create customized rule to support custom application		汞

1		1	
	Integrity Monitoring:		
	Able to monitor critical operating system and application files, such as directories, registry keys, and values, to detect and report malicious and unexpected changes in real time		
			0
7.0	<u>Virtual Patching:</u>		
	Provide virtual patching which shields vulnerable systems that are awaiting a security patch. Automatically shields vulnerable systems within hours and pushes out protection to thousands of VMs within minutes	Silve	
	Vulnerability rules to shield known vulnerabilities from an unlimited number of exploits; automatically shields newly discovered vulnerable within hours		
	Intelligence to provide recommended virtual patching rules to protect OS & applications		
	Able to create scheduled tasks to run recommendation scan to discover new rules to apply		
	Able to automatically assign new virtual patching rules through scheduled tasks		
	Able to automatically unassign virtual patching rules after physical patch has been installed		
	Event Tagging:		
-	Support event tagging so that Administrator can add "tag" to events generated by the solution		
	Tag must be fully customizable; Administrators can add, edit, and delete their own tag with own name		
	Able to search for events based on the "Tag"		
	Allow administrator to specify a specific event that is to be automatically tagged by the system		

	Management Console:		
	Dashboard to display multiple information		
	Dashboard must be configurable by administrator to display the required information only		
	Web-based management system for administrators to access using web browsers	A Company of the Comp	



"Alerts" on the main menu to view administrator		
notifications concerning system or security events Firewall events to view activities on computers with the		
firewall enabled (typically includes dropped or logged		
packets)		
Access to Deep Packet Inspection (DPI) events to view		and the state of t
security-related DPI activities; this section should display exploits detected, either resulting in dropped traffic		
(Prevent Mode) or logging of events (Detect Mode)		
System events to view a summary of security-related		
events, primarily for the management server and also		
including agents' system events; all administrative actions should be audited with the system events		and the same of th
Should be addited with the dystern evente		
Compliance and Certifications:		
Must provide support for:		
National Institute of Standards and Technology (NIST)		
Health Insurance Portability and Accountability Act (HIPA	A)	
Sarbanes–Oxley Act (SOX)		
Basel2		
ISO 2700x		
Statement on Auditing Standards (SAS) 70		
Data Privacy Act (DPA)		
Must be certified to common Criteria EAL4+		
Must be certified by EMC VSPEX		
Must be validated for Cisco UCS		
Must be validated for NetAPP flexpod		
Other Requirements:		
Able to integrate to a SIEM		
Directory integration for enterprise directories including Microsoft Active Directory		
Support selective module on agent installation		
	1	1



_	Support:	
_;	Support with onsite assistance from a local source	
	Provide 24x7 support via email/call	
	Provide direct support for installation and upgrade	
	Security assessment and recommendation should be provided every 6 months	
-	Inclusions:	V.
	Implementation and support services for one (1) year license subscription	
	2 days knowledge transfer training for 2 pax.	
	Able to integrate with existing security suite	
	Installation and configuration shall be carried out on an existing Hyper-V MS 2012 server	
	Implement the project in 30 working days	

Bidder's Authorized Representative		
60		
Signature over Printed Name		
Principal Bidder / Supplier		



Section VIII. Checklist of Requirements for Bidders



Checklist of Requirements for Bidders

"EACH AND EVERY PAGE OF THE BID FORM, INCLUDING THE SCHEDULE
OF PRICES, UNDER SECTION IX HEREOF, SHALL BE SIGNED BY THE
DULY AUTHORIZED REPRESENTATIVE/S OF THE BIDDER. FAILURE TO
DO SO SHALL BE A GROUND FOR THE REJECTION OF THE BID AND
PROPERLY TABBED AS FOLLOWS:"

ELIGIBILITY DOCUMENTS' ENVELOPE

- Tab A PhilGEPS Certificate of Registration under Platinum Membership
- **Tab B** Notarized Omnibus Sworn Statement/Affidavit of the prospective bidder (of its background, affiliations, responsibilities as Bidder, authorizations, etc.) (Section IX, Bidding Forms)
- **Tab C** Statement / List of **all on-going**, **and completed** government and private contracts, similar in nature to the contract/project subject of the bidding at hand, within at least the past **three (3) years** (December 2015 to December 2018) using the following forms and support documents:
 - (FORM SF-GOOD-13a) Statement of all its ongoing government and private contracts, including contracts awarded but not yet started, if any, whether similar or not similar in nature and complexity to the contract to be bid.
 - (FORM SF-GOOD-13b) Statement / List of at least one (1) **COMPLETED** government and/or private contracts (**Section IX**, **Bidding Forms**) similar in nature as the contract subject of bidding with a value of at least fifty (50%) of the Approved Budget for the Contract (ABC); or two (2) similar contracts with the aggregate contract amount equivalent to at least fifty percent (50%) of the ABC of the contract subject of bidding at hand supported with the following documents (in accordance to BDS Clause 5.4 of the BDS):
 - 1. Purchase Order or Contract; AND
 - 2. Certificate of Completion or Official Receipt of last payment received
- **Tab D** Computation of Net Financial Contracting Capacity (NFCC) in accordance with ITB Clause 5 (Section IX, Bidding Forms)
- **Tab E** Bid Security (use **Section IX, Bidding Forms** in case of Bid Securing Declaration)



- **Tab F** Technical Specifications Compliance Form (<u>Use the supplied</u> <u>Technical Specifications Compliance Form found in the Bid Documents as Tab H)</u>
- **Tab G** Schedule of Requirements (use **Section VI**) duly signed in every page by the principal bidder or the bidder's authorized representative
- **Tab H** Valid Joint Venture Agreement (JVA) in case the joint venture is already in existence. In the absence of a JVA, duly notarized statements from all the potential joint venture partners stating that they will enter into and abide by the provisions of the JVA in the instance that the bid is successful shall be included in the bid.

Additional documents for Joint Venture

Further, each partner of the JV shall likewise submit the following requirements consistent with ITB Clause 12.1.(a)(i) and 12.1.(a)(ii):

- 12.1.(a)(i) Registration certificate from the Securities and Exchange Commission (SEC) for corporation, Department of Trade and Industry (DTI) for sole proprietorship, or Cooperative Development Authority (CDA) for Cooperatives; and
- 12.1.(a)(ii) Valid Mayor's permit issued by the city or municipality where the principal place of business of the prospective bidder is located.

Submission of the following documents consistent with ITB Clause 12.1.(a)(iii) to 12.1.(a)(v) by any of the joint venture partners constitute compliance:

- 12.1.(a)(iii) Statement of ongoing and completed government and/or private contracts within at least the past three (3) years following item 2 above
- 12.1.(a)(iv) Audited Financial Statements for 2017, stamped "Received" by the Bureau of Internal Revenue (BIR) or its duly accredited and authorized institutions; and
- 12.1.(a)(v) Computation of Net Financial Contracting Capacity (NFCC) in accordance with ITB Clause 5.5.;

FINANCIAL PROPOSAL ENVELOPE

The Financial Component shall contain the following:



Section IX. Bidding Forms



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