



West Visayas State University

(Formerly Iloilo Normal School)

Procurement Division/ Bids and Awards Committee Secretariat Office

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SUPPLEMENTAL/BID BULLETIN

<i>Project Reference No.</i>	<i>IB No. 2023-39</i>
<i>Name of the Project</i>	<i>Procurement of Network Monitoring Tool for MIS</i>
<i>Location of the Project</i>	<i>WVSU - Main Campus</i>

ADDENDUM NO. 2023-31

September 13, 2023

This **Addendum No. 2023-31** is issued to modify the **Section VI. Schedule of Requirements, Section VII. Technical Specifications and Price Schedule for Goods Offered from Within the Philippines.** This shall form an integral part of the Bidding Documents.

I. **Section VII. Technical Specifications:**

Item No.	Description	Corrections/ Amendments/ Instructions
1.	<i>Procurement of Network Monitoring Tool for MIS</i>	<i>Procurement of Network Monitoring Tool for MIS</i>
	<i>Qty/ Unit: 1 lot</i>	<i>Qty/ Unit: 1 lot</i>
	<i>Pls. specify brand and model:</i>	<i>Pls. specify brand and model:</i>
	<i>Unit Cost: 1,600,000.00</i>	<i>Unit Cost: 1,600,000.00</i>
I.	<i>Network Performance Monitoring</i>	<i>I. Network Performance Monitoring</i>
	<i>Core Monitoring Capabilities</i>	<i>Core Monitoring Capabilities</i>
	<ul style="list-style-type: none"> - The proposed monitoring solution should be able to monitor: (a) Routers (b) Switches (c) Firewalls (d) Wireless devices (e) Servers (f) Other SNMP-enabled devices 	<ul style="list-style-type: none"> - The proposed monitoring solution should be able to monitor: (a) Routers (b) Switches (c) Firewalls (d) Wireless devices (e) Servers (f) Other SNMP-enabled devices
	<ul style="list-style-type: none"> - Should display information including alerting for major routing protocols (BGP, OSPF, RIP, EIGRP) with options to view and search routing tables including VRFs, changes in default routes and flapping routes, router topology and neighbor statuses 	<ul style="list-style-type: none"> - Should display information including alerting for major routing protocols (BGP, OSPF, RIP, EIGRP) with options to view and search routing tables including VRFs, changes in default routes and flapping routes, router topology and neighbor statuses
	<ul style="list-style-type: none"> • Should allow easily create custom CPU and memory utilization pollers for those rare SNMP enabled devices that are not covered out of the box. 	<ul style="list-style-type: none"> • Should allow easily create custom CPU and memory utilization pollers for those rare SNMP enabled devices that are not covered out of the box.
	<ul style="list-style-type: none"> • Should show statistics like interface bandwidth, current traffic in bps, total bytes received/transmitted etc. 	<ul style="list-style-type: none"> • Should show statistics like interface bandwidth, current traffic in bps, total bytes received/transmitted etc.
	<ul style="list-style-type: none"> • Should automatically provide real-time, in-depth network performance statistics after discovery/configuration of devices, including but not limited to, (a) CPU load (b) Memory utilization (c) Interface utilization (d) packet loss 	<ul style="list-style-type: none"> • Should automatically provide real-time, in-depth network performance statistics after discovery/configuration of devices, including but not limited to, (a) CPU load (b) Memory utilization (c) Interface utilization (d) packet loss
	<i>Network Discovery</i>	<i>Network Discovery</i>
	<ul style="list-style-type: none"> - The proposed monitoring solution should be able to discover devices in the network with SNMP and ICMP capabilities automatically, on input of, (a) IP address ranges (b) subnets (c) individual IP addresses 	<ul style="list-style-type: none"> - The proposed monitoring solution should be able to discover devices in the network with SNMP and ICMP capabilities automatically, on input of, (a) IP address ranges (b) subnets (c) individual IP addresses
	<ul style="list-style-type: none"> - Should not add devices with multiple IP addresses as duplicate nodes but should list all known IP addresses for the node 	<ul style="list-style-type: none"> - Should not add devices with multiple IP addresses as duplicate nodes but should list all known IP addresses for the node
	<ul style="list-style-type: none"> - Should notify the flows coming in from unmanaged devices and/or unmanaged interfaces and allow to add them for monitoring with minimum effort 	<ul style="list-style-type: none"> - Should notify the flows coming in from unmanaged devices and/or unmanaged interfaces and allow to add them for monitoring with minimum effort



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Graphical User Interface and Customization	Graphical User Interface and Customization
- The proposed management solution should provide a high-quality graphical user interface with asynchronous view refreshing	- The proposed management solution should provide a high-quality graphical user interface with asynchronous view refreshing
- Drag-and-discover performance charts include a draggable chart timeline that allows users to easily select the timeframe of interest or you can use the one-click zoom for one-hour, twelve-hour, or twenty-four-hour windows.	- Drag-and-discover performance charts include a draggable chart timeline that allows users to easily select the timeframe of interest or you can use the one-click zoom for one-hour, twelve-hour, or twenty-four-hour windows.
- This web console should be accessible centrally or remotely	- This web console should be accessible centrally or remotely
Advanced Reporting	Advanced Reporting
- The proposed monitoring solution should provide current and historical out-of-the-box reports for various statistics monitored	- The proposed monitoring solution should provide current and historical out-of-the-box reports for various statistics monitored
- Should allow advanced customization by providing options to enter SWQL queries to query the database directly	- Should allow advanced customization by providing options to enter SWQL queries to query the database directly
Advanced Alerting	Advanced Alerting
- The alerting mechanism should allow complex conditions and condition groups to be specified for narrowing down the alert condition	- The alerting mechanism should allow complex conditions and condition groups to be specified for narrowing down the alert condition
- It should allow SWQL queries to be entered to create rules against the database	- It should allow SWQL queries to be entered to create rules against the database
- It should allow SWQL queries to be entered to create rules against the database	- It should allow SWQL queries to be entered to create rules against the database
- Should have the ability to dynamically calculate statistical network baseline and automatically set Warning and Critical threshold	- Should have the ability to dynamically calculate statistical network baseline and automatically set Warning and Critical threshold
Network Maps	Network Maps
- Should be able to display not just the device status on the map but also status of any other detail obtained through custom MIB polling	- Should be able to display not just the device status on the map but also status of any other detail obtained through custom MIB polling
- Should be able to automatically connect devices by means of topology information gathered during discovery, like Cisco Discovery Protocol or Link Layer Discovery Protocol	- Should be able to automatically connect devices by means of topology information gathered during discovery, like Cisco Discovery Protocol or Link Layer Discovery Protocol
- Should be able to view multicast topology using upstream and downstream device list information	- Should be able to view multicast topology using upstream and downstream device list information
- Should be able to display devices location on the geographical level and down to street level	- Should be able to display devices location on the geographical level and down to street level
Multi-vendor Support	Multi-vendor Support
- The proposed monitoring solution should not be vendor-specific	- The proposed monitoring solution should not be vendor-specific
- The discovered devices should be detected as that of a specific vendor and categorized automatically	- The discovered devices should be detected as that of a specific vendor and categorized automatically
Extensibility	Extensibility
- The proposed monitoring solution should allow gathering of custom properties from SNMP-enabled devices by specifying the OID of the properties.	- The proposed monitoring solution should allow gathering of custom properties from SNMP-enabled devices by specifying the OID of the properties.
- Should be able to fetch properties from devices without need to import device MIBs into MIB database	- Should be able to fetch properties from devices without need to import device MIBs into MIB database
Application Aware Network Performance Monitoring	Application Aware Network Performance Monitoring
- Should be able to provide Network Response Time (NRT) and Application Response time (ART) for critical applications.	- Should be able to provide Network Response Time (NRT) and Application Response time (ART) for critical applications.



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	- Should be able to identify and classify ~1200 applications out of the box.	- Should be able to identify and classify ~1200 applications out of the box.
	- Should have the ability to display aggregate volume metrics per application / node.	- Should have the ability to display aggregate volume metrics per application / node.
	- Should have the ability to create custom HTTP applications.	- Should have the ability to create custom HTTP applications.
	- Should be able to contextually provide QoE data for nodes in Node Details subview	- Should be able to contextually provide QoE data for nodes in Node Details subview
	- Should automatically calculates network latency and correlates to end-users' quality of experience	- Should automatically calculates network latency and correlates to end-users' quality of experience
	Additional Components	Additional Components
	- Should have wireless reporting option to display wireless thin and autonomous access points and their associated clients.	- Should have wireless reporting option to display wireless thin and autonomous access points and their associated clients.
	- Should have customized mobile views of console for administrators' immediate viewing.	- Should have customized mobile views of console for administrators' immediate viewing.
	- Should be able to report on technologies like Cisco UCS, Energywise feature.	- Should be able to report on technologies like Cisco UCS, Energywise feature.
	- Should be able to report on virtualized Cisco Nexus 1000V switches, VSAN, Fibre Channel switches like Cisco MDS, Brocade, McData devices.	- Should be able to report on virtualized Cisco Nexus 1000V switches, VSAN, Fibre Channel switches like Cisco MDS, Brocade, McData devices.
	- Should be able to monitor entire VMware and Hyper-V virtual infrastructure, including Virtual Centers, Datacenters and ESX clusters, and automatically track VM performance.	- Should be able to monitor entire VMware and Hyper-V virtual infrastructure, including Virtual Centers, Datacenters and ESX clusters, and automatically track VM performance.
	Integration	Integration
	- Should be able to integrate with modules serving other monitoring purposes and provide a single-pane-of-glass view.	- Should be able to integrate with modules serving other monitoring purposes and provide a single-pane-of-glass view.
	- Should allow integration with third-party applications at user-interface layer, through message exchanges and also through APIs.	- Should allow integration with third-party applications at user-interface layer, through message exchanges and also through APIs.
	Enterprise Scalability	Enterprise Scalability
	- Should allow information from multiple instances of application to be consolidated into a single view.	- Should allow information from multiple instances of application to be consolidated into a single view.
	- Should support multiple-deployment options -- centralized, distributed and hybrid deployments with option for a centralized operations console view.	- Should support multiple-deployment options -- centralized, distributed and hybrid deployments with option for a centralized operations console view.
	High Availability	High Availability
	- Should have options for ensuring high-availability of application, with/without use of failover products.	- Should have options for ensuring high-availability of application, with/without use of failover products.
	Deployment	Deployment
	- Should be deployable within one hour and should not require consultants for deployment, implementation, configuration or customization.	- Should be deployable within one hour and should not require consultants for deployment, implementation, configuration or customization.
	Frequency of Updates	Frequency of Updates
	- New features to be added to product versions frequently, preferably twice every year or more.	- New features to be added to product versions frequently, preferably twice every year or more.
	- Should notify availability of new versions in the web console.	- Should notify availability of new versions in the web console.
	Product Support	Product Support
	- Should provide 24x7 support	- Should provide 24x7 support
	- Active support through forums and community would be a welcome feature.	- Active support through forums and community would be a welcome feature.
2.	Netflow Traffic Analyzer	II. Netflow Traffic Analyzer
	Core Monitoring Capabilities	Core Monitoring Capabilities
	- The proposed monitoring solution should	- The proposed monitoring solution should be



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	be able to monitor network traffic by capturing flow data from network devices, including Cisco NetFlow v5 or v9, Juniper J-Flow, IPFIX, sFlow, NetStream data and also sampled NetFlow data.	able to monitor network traffic by capturing flow data from network devices, including Cisco NetFlow v5 or v9, Juniper J-Flow, IPFIX, sFlow, NetStream data and also sampled NetFlow data.
	– Should identify which users, applications, and protocols are consuming the most bandwidth.	– Should identify which users, applications, and protocols are consuming the most bandwidth.
	– Should be able to associate traffic coming from different sources to application names.	– Should be able to associate traffic coming from different sources to application names.
	– Should be able to receive flows from non-SNMP-enabled devices, like VMware vSwitch.	– Should be able to receive flows from non-SNMP-enabled devices, like VMware vSwitch.
	– Should monitor Class-Based Quality of Service (CBQoS) to find out if traffic prioritization policies are effective and if business-critical applications have network traffic priority.	– Should monitor Class-Based Quality of Service (CBQoS) to find out if traffic prioritization policies are effective and if business-critical applications have network traffic priority.
	– Should also support CBQoS Nested policies.	– Should also support CBQoS Nested policies.
	– Should provide flow analysis with 1-minute granularity and support 60k sustained flow per second.	– Should provide flow analysis with 1-minute granularity and support 60k sustained flow per second.
	Network Discovery	Network Discovery
	– The proposed monitoring solution should be able to automatically add flow sources which are already being monitored for performance	– The proposed monitoring solution should be able to automatically add flow sources which are already being monitored for performance
	– Should notify the flows coming in from unmanaged devices and/or unmanaged interfaces and allow to add them for monitoring with minimum effort.	– Should notify the flows coming in from unmanaged devices and/or unmanaged interfaces and allow to add them for monitoring with minimum effort.
	Graphical User Interface and Customization	Graphical User Interface and Customization
	– The proposed management solution should provide a high-quality graphical user interface.	– The proposed management solution should provide a high-quality graphical user interface.
	– It should provide diverse views categorized by user, application, department, conversation, interface, protocol, type of service, Autonomous System Networks	– It should provide diverse views categorized by user, application, department, conversation, interface, protocol, type of service, Autonomous System Networks
	– It should allow creation of personalized views of network traffic by providing list of parameters from which we can pick and choose to set filters.	– It should allow creation of personalized views of network traffic by providing list of parameters from which we can pick and choose to set filters.
	– It should have ability to save customized filtered views as new links in web page for easy access later, with options to search for IP ranges/CIDR etc.	– It should have ability to save customized filtered views as new links in web page for easy access later, with options to search for IP ranges/CIDR etc.
	– This web console should be accessible centrally or remotely	– This web console should be accessible centrally or remotely
	– The web console should allow multiple users to log in at the same time.	– The web console should allow multiple users to log in at the same time.
	– It should allow export of any web page in console to PDF format.	– It should allow export of any web page in console to PDF format.
	– It should allow creation of custom dashboards and restrict views for users based on devices or interfaces, i.e. it should have role-based access.	– It should allow creation of custom dashboards and restrict views for users based on devices or interfaces, i.e. it should have role-based access.
	Advanced Reporting	Advanced Reporting
	– Should be able to generate statistical reports that can be used as reference for future planning or troubleshooting.	– Should be able to generate statistical reports that can be used as reference for future planning or troubleshooting.
	– Should allow customization of reports by adding/removing columns, setting filters, specifying timeframes, grouping columns etc.	– Should allow customization of reports by adding/removing columns, setting filters, specifying timeframes, grouping columns etc.
	– Should allow advanced customization by providing options to enter SQL queries to query the database directly.	– Should allow advanced customization by providing options to enter SQL queries to query the database directly.
	– Should have options to save the customized reports permanently and have them accessible	– Should have options to save the customized reports permanently and have them accessible



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	in web console	in web console
	<ul style="list-style-type: none"> Should allow reports to be sent out on schedule as daily, weekly, monthly reports. 	<ul style="list-style-type: none"> Should allow reports to be sent out on schedule as daily, weekly, monthly reports.
	<ul style="list-style-type: none"> Should allow emailing of dashboards created in web console. 	<ul style="list-style-type: none"> Should allow emailing of dashboards created in web console.
	Advanced Alerting	Advanced Alerting
	<ul style="list-style-type: none"> The proposed monitoring solution should be able to display events and alerts in the web console. 	<ul style="list-style-type: none"> The proposed monitoring solution should be able to display events and alerts in the web console.
	<ul style="list-style-type: none"> Class-based Quality of Service alerts should be fired when the traffic processed exceeds threshold settings for Pre-Policy, Post-Policy and Drops. 	<ul style="list-style-type: none"> Class-based Quality of Service alerts should be fired when the traffic processed exceeds threshold settings for Pre-Policy, Post-Policy and Drops.
	<ul style="list-style-type: none"> The alerts and events information should be logged into the database for future reference. 	<ul style="list-style-type: none"> The alerts and events information should be logged into the database for future reference.
	<ul style="list-style-type: none"> The alerting mechanism should allow complex conditions and condition groups to be specified for narrowing down the alert condition. 	<ul style="list-style-type: none"> The alerting mechanism should allow complex conditions and condition groups to be specified for narrowing down the alert condition.
	<ul style="list-style-type: none"> It should allow SQL queries to be entered to create rules against the database. 	<ul style="list-style-type: none"> It should allow SQL queries to be entered to create rules against the database.
	<ul style="list-style-type: none"> It should allow creation of new alerts from scratch and also customizable threshold limits. 	<ul style="list-style-type: none"> It should allow creation of new alerts from scratch and also customizable threshold limits.
	<ul style="list-style-type: none"> Should have various actions that can be taken, including but not limited to, sending out emails, forwarding SNMP traps, running executable, sending SMS text alerts, playing sound, emailing a web page etc. 	<ul style="list-style-type: none"> Should have various actions that can be taken, including but not limited to, sending out emails, forwarding SNMP traps, running executable, sending SMS text alerts, playing sound, emailing a web page etc.
	<ul style="list-style-type: none"> Should have support for variables in message to make the content more self-explanatory. 	<ul style="list-style-type: none"> Should have support for variables in message to make the content more self-explanatory.
	Grouping	Grouping
	<ul style="list-style-type: none"> The proposed monitoring solution should allow to create custom IP address groups to categorize flows by geography, department, device type etc. 	<ul style="list-style-type: none"> The proposed monitoring solution should allow to create custom IP address groups to categorize flows by geography, department, device type etc.
	<ul style="list-style-type: none"> Should be able to use these groups while creating customized views of network traffic. 	<ul style="list-style-type: none"> Should be able to use these groups while creating customized views of network traffic.
	Multi-vendor Support	Multi-vendor Support
	<ul style="list-style-type: none"> The proposed monitoring solution should not be vendor-specific and should be able to monitor devices from Cisco, Foundry, Juniper Networks, Extreme Networks, HP, Riverbed etc. 	<ul style="list-style-type: none"> The proposed monitoring solution should not be vendor-specific and should be able to monitor devices from Cisco, Foundry, Juniper Networks, Extreme Networks, HP, Riverbed etc.
	<ul style="list-style-type: none"> It should be able to provide a unified summary view taking into account all the monitored devices from different vendors. 	<ul style="list-style-type: none"> It should be able to provide a unified summary view taking into account all the monitored devices from different vendors.
	Extensibility	Extensibility
	<ul style="list-style-type: none"> The proposed monitoring solution should allow gathering of flow information from devices which are not flow-capable when used with third-party flow exporters. 	<ul style="list-style-type: none"> The proposed monitoring solution should allow gathering of flow information from devices which are not flow-capable when used with third-party flow exporters.
	Additional Features	Additional Features
	<ul style="list-style-type: none"> Should help in locating and isolating infected computers in case of virus outbreak. 	<ul style="list-style-type: none"> Should help in locating and isolating infected computers in case of virus outbreak.
	<ul style="list-style-type: none"> Should help to recognize DOS attack. 	<ul style="list-style-type: none"> Should help to recognize DOS attack.
	<ul style="list-style-type: none"> Should give importance to the most bandwidth-intensive conversations to improve database performance, reduce page load times and increase reporting speed. 	<ul style="list-style-type: none"> Should give importance to the most bandwidth-intensive conversations to improve database performance, reduce page load times and increase reporting speed.
	<ul style="list-style-type: none"> Should compress data in database for optimal performance of application. 	<ul style="list-style-type: none"> Should compress data in database for optimal performance of application.
	<ul style="list-style-type: none"> Should ensure database maintenance happens in background to prevent 	<ul style="list-style-type: none"> Should ensure database maintenance happens in background to prevent



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	overwhelming of database with flow traffic data.	overwhelming of database with flow traffic data.
	– Should allow NetBIOS and DNS resolution of endpoint domain names.	– Should allow NetBIOS and DNS resolution of endpoint domain names.
	– Should have utilities to view the database, to stop and start its own services.	– Should have utilities to view the database, to stop and start its own services.
	Integration	Integration
	– Should be able to integrate with modules serving other monitoring purposes and provide a single-pane-of-glass view.	– Should be able to integrate with modules serving other monitoring purposes and provide a single-pane-of-glass view.
	– Should allow integration with third-party applications at user-interface layer, through message exchanges and also through APIs.	– Should allow integration with third-party applications at user-interface layer, through message exchanges and also through APIs.
	Enterprise Scalability	Enterprise Scalability
	– The proposed monitoring solution should be able to monitor up to 3 million flows per second, and should employ advanced optimization methods	– The proposed monitoring solution should be able to monitor up to 3 million flows per second, and should employ advanced optimization methods
	– Should be able to accommodate network growth through addition of load-balancing applications.	– Should be able to accommodate network growth through addition of load-balancing applications.
	– Should allow information from multiple instances of application to be consolidated into a single view.	– Should allow information from multiple instances of application to be consolidated into a single view.
	– Should support multiple-deployment options -- centralized, distributed and hybrid deployments with option for a centralized operations console view.	– Should support multiple-deployment options -- centralized, distributed and hybrid deployments with option for a centralized operations console view.
	High Availability	High Availability
	– Should have options for ensuring high-availability of application, with/without use of failover products.	– Should have options for ensuring high-availability of application, with/without use of failover products.
	Frequency of Updates	Frequency of Updates
	– New features to be added to product versions frequently, preferably twice every year or more.	– New features to be added to product versions frequently, preferably twice every year or more.
	– Should notify availability of new versions in the web console.	– Should notify availability of new versions in the web console.
	Product Support	Product Support
	– Should provide 24x7 support	– Should provide 24x7 support
	– Active support through forums and community would be a welcome feature.	– Active support through forums and community would be a welcome feature.
	Extensible NetFlow Software	III. Prerequisite Software
	– Ability to natively save flows into MySQL and SQLite, as well as text and binary.	Operating System – Licensed Windows Server 2019 or higher
	– Ability to natively export flows in Splunk and ElasticSearch.	Database Management System – Microsoft SQL
	– Ability to dump flows in format ready for import in columnar databases such as InfiniDB.	– Note: It should be noted that all licenses necessary to accomplish the project must be included in the offer.
	– Native PF_RING support for high speed flow generation.	
	– Ability to act as flow collector and proxy. All combinations are supported.	
	– Ability to collect sFlow flows and turn them into flows (v5/v9/IPFIX).	
	– Support of detect protocols via DPI (deep packet inspection) and report protocol name in flows for precise collector protocol accounting.	
	– Ability to forge NetFlow interfaceIds based on MAC/IP addresses.	
	– Collection of Cisco ASA flows and	



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	conversion in 'standard' flows.	
	– Support of tunneled (including GRE, PPP and GTP) traffic and ability to export in flows inner/outer envelope/packet information.	
	– Support of both flow and packet sampling.	
	– Support of Flexible Netflow: create your netflow templates, now with PEN support.	
	– VoIP (SIP and RTP) traffic analysis including voice quality.	
	– HTTP and MySQL/Oracle, DNS protocol analysis: ability to generate logs of web, MySQL/Oracle and DNS activities in addition to flow export.	
	– BGP Plugin for establishing a BGP session with a router and generate flows with AS and AS path information.	
	– Plugin architecture for easy extensibility via custom V9/IPFIX tags.	
	License and warranty Support	License and warranty Support
	– Perpetual License. A perpetual license is a type of software license that gives the user the right to use the software indefinitely. The user typically pays a one-time fee for the license, and there are no recurring subscription fees.	– Perpetual License. A perpetual license is a type of software license that gives the user the right to use the software indefinitely. The user typically pays a one-time fee for the license, and there are no recurring subscription fees. – License includes 500 elements.
	– 3 years warranty Support. The 3-year warranty and support covers the following: - Software updates and bug fixes - Technical support from SolarWinds engineers - Access to the SolarWinds knowledge base and community forums - Free training for new users - Discounted pricing on future upgrades	– 3 years warranty Support. The 3-year warranty and support covers the following: - Software updates and bug fixes - Technical support from SolarWinds engineers - Access to the SolarWinds knowledge base and community forums - Free training for new users - Discounted pricing on future upgrades
	Vendor Responsibility	Vendor Responsibility
	1. Vendor must provide onsite training to ensure IT team of WVSU is capable to maintain the products	1. Vendor must provide onsite training to ensure IT team of WVSU is capable to maintain the products
	2. Vendor must provide 24*7 Technical support through Phone, Email, and Remote Web Assistance	2. Vendor must provide 24*7 Technical support through Phone, Email, and Remote Web Assistance
	3. Vendor should have engineers based in Visayas to provide onsite support if needed	3. Vendor should have engineers based in Visayas to provide onsite support if needed
	4. Vendor should offer quarterly health check and software upgrade to ensure products running in best condition.	4. Vendor should offer quarterly health check and software upgrade to ensure products running in best condition.
	5. Vendor should ensure that the configuration and implementation should be as per the requirement of the end-user	5. Vendor should ensure that the configuration and implementation should be as per the requirement of the end-user
	6. Vendor should submit a certificate of authorization from the manufacturer that they are an authorized partner or reseller to extend the maximum warranty of the software product.	6. Vendor should submit a certificate of authorization from the manufacturer that they are an authorized partner or reseller to extend the maximum warranty of the software product.
	7. The vendor must present credentials for two (2) employees with certification such Cisco Certified Network Associate (CCNA) or equivalent.	
	8. Vendor should provide a turn-over training to MIS Network Personnel for a minimum of 8hrs upon implementation of the system.	8. Vendor should provide a turn-over training to MIS Network Personnel for a minimum of 8hrs upon implementation of the system.



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	Documentation:	Documentation:
	1.The manufacturer should provide a certificate of ownership of the license that the license should name WVSU as the license owner.	1.The manufacturer should provide a certificate of ownership of the license that the license should name WVSU as the license owner.
	2. Proper documentation and complete technology transfer are part of the requirements for the final acceptance of the project.	2. Proper documentation and complete technology transfer are part of the requirements for the final acceptance of the project.

IV. Section VI. Schedule of Requirements and Price Schedule for Goods Offered from Within the Philippines:

Item No.	Description	Corrections/ Amendments/ Instructions
<i>I.</i>	<i>Network Monitoring Tool for MIS – 1 lot</i>	<i>Network Monitoring Tool for MIS – 1 lot</i>
<i>I.</i>	<i>Network Performance Monitoring</i>	
<i>II.</i>	<i>Netflow Traffic Analyzer</i>	
	-----Nothing Follows-----	-----Nothing Follows-----

For guidance and information of all concerned.

JULIUS B. UNДАР

Chairperson, Bids and Awards Committee