



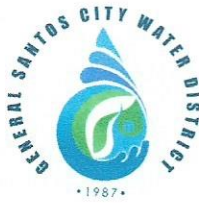
TECHNICAL SPECIFICATIONS

PURCHASE OF MANAGEABLE NETWORK SWITCHES FOR THE USE OF GSCWD NETWORK INFRASTRUCTURE UPGRADE

THE SCOPE OF WORK FOR THIS PROJECT SHALL BE SUPPLY, DELIVERY, INSTALLATION, TESTING, CONFIGURATION AND INTEGRATION OF MANAGEABLE NETWORK SWITCHES TO GENERAL SANTOS CITY WATER DISTRICT.

The bidder is required to complete its Statement of Compliance demonstrating how its terms complied with the specification. Non-compliance of Statement of Compliance for the item in its bid shall be considered non-responsive for that item.

ITEM	QNTY.	GSCWD SPECIFICATION	BIDDER'S OFFER	STATEMENT OF COMPLIANCE
DEVICES				
MANAGEABLE CORE SWITCH	1	Switching Capacity: 208 Gbps Switching Bandwidth: 480 Gbps Total Number of MAC Addresses: 32,000 DRAM: 8GB FLASH: 16 GB VLAN IDs: 4000 Forwarding Rate: 154.76 Mpps 24-ports 10/100/1000 Gigabit Ethernet and 8 x 10G SFP+ uplink ports MTBF: 299,000 hours Inclusion of 2 qty's of 1m Stacking cable and 2 qty's of 150cm Stack Power Cable Inclusion of Warranty and Service of 8x5xNBD for 3 Years 1 x STACK-T1-50CM Support for both static and dynamic NAT and Port Address Translation (PAT)		



MANAGEABLE LAYER 2 SWITCH	3	<p>Switching Capacity: 128 Gbps</p> <p>Forwarding Rate: 95.23 Mpps</p> <p>Total Number of MAC Addresses: up to 16,000</p> <p>DRAM: 2 GB</p> <p>FLASH: 4 GB</p> <p>VLAN IDs: up to 4096</p> <p>24 10/100/1000 Gigabit Ethernet ports and 4 x 10G SFP+ ports</p> <p>Inclusion of Warranty and Service of 8x5xNBD for 1 Year</p> <p>AES-128 MACsec encryption; policy-based segmentation</p> <p>Capable of L3 Dynamic Routing</p> <p>Flexible NetFlow</p> <p>Has SDA capability to simplify operations and deployment through network automation.</p>		
TRANSCIVER	4	<p>Data Rate: 10Gbps</p> <p>Form Factor: SFP+</p> <p>Max. Reach: 400m</p> <p>Cable Type: Duplex Fiber</p> <p>Media: MMF</p> <p>Connector Type: LC (PC or UPC)</p> <p>Transceiver Type: Optic</p>		
TERMS AND CONDITION FOR EQUIPMENT AND PROJECT IMPLEMENTATION				
The winning bidder shall perform the installation of devices during non-business hours.				
Winning bidder shall provide detailed integration of work plan specifying installation design, detail and schedule of activities, and network diagram showing connectivity to existing GSCWD data center local area network and the existing GSCWD Infrastructure. The integration plan shall indicate the respective responsibility of all concerned parties including GSCWD personnel.				
The propose devices and accessories must be manufactured by a known and reputable company with				



Certificate of Good Manufacturing Practice (GMP), TUV or ISO or its equivalent for equipment only.		
The Bidders shall offer same brand with the existing network switches of GSCWD for the mirroring of configuration, to avoid the incompatibility issues and additionally, the IT administrator is already acquainted with the technological environment.		
WARRANTY SERVICES AND MAINTENANCE		
Winning bidder shall provide a technical support staff that must be a Certified Installer with training certificate, based within Mindanao and a substitute trained technical personnel / specialist in case when the service engineer is out of town or is not available.		
In case of downtime, the winning bidder is given 2 days to do remedial action (repair). On the 3rd day, if the unit is not operational, a back unit will be provided (within the warranty period only).		
Winning bidder shall provide company response within 24 - 48 hours should the existing equipment/components breaks down.		
All Equipment and other Devices/Accessories shall under warranty for at least Three (3) years.		
Winning bidder shall be fully responsible for the manufacturer warranty in respect of proper design, quality and workmanship of hardware, accessories, etc. covered by the offer.		
Winning bidder must warrant all hardware, accessories, spare parts, etc., against any manufacturing defects during the warranty period.		
The winning bidder has to ensure on-site support (without any extra cost) for resolving all hardware, software and firmware/OS related issues, including re-installation of software / firmware/OS and other software mentioned above, due to any reason whatsoever during warranty. During the warranty period the winning bidder should undertake to provide the district free maintenance service (which will include repair and maintenance of all systems, kits or parts, spare parts, etc. as and/or when required) from the date of commissioning of the systems.		



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If any critical component of the entire configuration is out of service for more than 24 hours, the winning bidder shall either immediately replace the defective unit or replace it at its own cost or provide a standby.		
QUALIFICATION OF BIDDERS		
Bidders must have a Regional Presence or a Regional Service/Support Partner/Center within Mindanao.		
Bidders must be an Authorized Distributor, Partner or Dealer of the Equipment Manufacturer.		
Bidders must be an IT Solution Provider not Box Pushing		
Bidders must have been in the business for at least Five (5) years of providing and integrating ICT Solution and Services in government or private sectors.		
TRAININGS		
The winning bidder shall provide knowledge transfer of the set-up and configuration of all equipment.		
DOCUMENTATIONS		
The winning bidder shall provide complete and detailed documentations of the project.		
Certificate of warranty for all Equipment.		


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