



BIDS AND AWARDS COMMITTEE

December 14, 2018

SUPPLEMENTAL/BID BULLETIN NO. 1

This Bid Bulletin No. 1 dated December 14, 2018 for the Project ***“Supply, Delivery, Installation, Testing and Commissioning of Data Network System (Structured Cabling) for AMAD/PMED Building, is issued to clarify, modify or amend items in the Bidding Documents. Accordingly, this shall form an integral part of the said Documents.***

<i>PARTICULAR</i>	<i>MODIFICATION</i>
<p>NETWORK SWITCH</p> <p>Catalyst: layer2 24-ports 10/100/1000 ports Managed PoE, 2x1GE SFP Ports uplink, with support to the existing switching protocol of the Department (vlan, vtp etc.).</p> <p>END-USER Additional Requirements:</p> <p>Bidder to provide Managed Switch with 24 10/100/1000 PoE+ ports; 4 Gigabit Ethernet (2 combo* Gigabit Ethernet+ 2 1GE/5GE SFP); support to DA5 Existing LAN Switch Protocol/service (e.g. VoIP, VLANs)</p>	<p>NETWORK SWITCH</p> <p>Catalyst: layer2 24-ports 10/100/1000 ports Managed PoE, 2x1G and 2x10G SFP Ports uplink, with support to the existing switching protocol of the Department (vlan, vtp etc.).</p> <p>END-USER Additional Requirements:</p> <p>Bidder to provide Managed Switch with 24 10/100/1000 PoE+ ports; 4 Gigabit Ethernet (2 combo* Gigabit Ethernet+ 2 1GE/5GE SFP); support to DA5 Existing LAN Switch Protocol/service (e.g. VoIP, VLANs)</p>
<p>10G GIGABIT INTERFACE CONVERTER, SMALL FORM FACTOR MODULE</p> <p><i>Quantity: 3 sets</i></p>	<p>10G GIGABIT INTERFACE CONVERTER, SMALL FORM FACTOR MODULE MULTI-MODE</p> <p><i>Quantity: 3 sets (6 pieces SFP Module and 1-meter fiber patch)</i></p>
<p>WIFI CONTROLLER</p>	<p>WIFI LAN CONTROLLER DEVICE LICENSE FOR ADDITIONAL 6 UNITS ACCESS POINTS COMPATIBLE TO THE EXISTING WIRELESS NETWORK (RUCKUS BRAND)</p>
<p>1500KVA UPS</p> <p>☑ Apparent Power: 1500; Real Power: 900W</p>	<p>1.5 KVA UPS</p> <p>☑ Apparent Power: 1500; Real Power: 900W</p>



<p><input type="checkbox"/> Input</p> <ul style="list-style-type: none"> - Rated Voltage: 230V - Voltage Tolerance: 170-280V - Rated Frequency: 50/60Hz - IEC320 main connection socket <p><input type="checkbox"/> Output</p> <ul style="list-style-type: none"> - Rated voltage: 230V +/- 10% - 50/60Hz +/-1% - Step Wave form - Overload protection (significant discharge and short circuit) - 6 x IEC 320 <p><input type="checkbox"/> Sealed lead-acid Maintenance free</p> <p><input type="checkbox"/> 55mins back-up time</p> <p><input type="checkbox"/> USB interface</p> <p><input type="checkbox"/> Supports Local view communication Software</p> <p><input type="checkbox"/> Supports NTP data line Suppressor for Telephone protection</p> <p><input type="checkbox"/> Dimension: 145 x 390 x 205mm</p> <p><input type="checkbox"/> Weight: 11.2 kg</p> <p><input type="checkbox"/> Supports EC/EN 62040-1, AS 62040.1.1, AS 62040.1.2 Standards</p> <p><input type="checkbox"/> Supports IEC/EN 62040-2, AS 62040.2</p> <p>END-USER Additional Requirement:</p> <p>Bidder to include the installation of TVSS Device with Groundings for the 2x1.5KVA UPS (30A Power Source Circuit Breaker)</p> <p>1 unit TVSS <input type="checkbox"/> Surge Capacity: 100kA per Phase <input type="checkbox"/> Operating voltage: 240Vac L-L <input type="checkbox"/> Single Phase, 2W+G <input type="checkbox"/> NEMA 1 with LED and dry contacts for monitoring</p> <p><input type="checkbox"/> Height: 44 mm</p> <p><input type="checkbox"/> Width: 410 mm</p> <p><input type="checkbox"/> Depth: 280 mm</p> <p>2 units Power Conditioner</p> <p><input type="checkbox"/> 8 IEC outputs on the back panel</p> <p><input type="checkbox"/> 1 Output on the front</p> <p><input type="checkbox"/> 3-Point protection: surge protection, peak voltage spike clamping and RFI/ EMI filter</p> <p><input type="checkbox"/> Enlightened rear due to included USB LED gooseneck lamp</p>	<p><input type="checkbox"/> Input</p> <ul style="list-style-type: none"> - Rated Voltage: 230V - Voltage Tolerance: 170-280V - Rated Frequency: 50/60Hz - IEC320 main connection socket <p><input type="checkbox"/> Output</p> <ul style="list-style-type: none"> - Rated voltage: 230V +/- 10% or +/- 5% - 50/60Hz +/-1% - Step Wave form - Overload protection (significant discharge and short circuit) - 6 x IEC 320 <p><input type="checkbox"/> Sealed lead-acid Maintenance free</p> <p><input type="checkbox"/> 55mins back-up time</p> <p><input type="checkbox"/> USB interface</p> <p><input type="checkbox"/> Supports Local view communication Software</p> <p><input type="checkbox"/> Supports NTP data line Suppressor for Telephone protection</p> <p><input type="checkbox"/> Dimension: 145 x 390 x 205mm</p> <p><input type="checkbox"/> Weight: 11.2 kg</p> <p><input type="checkbox"/> Supports EC/EN 62040-1, AS 62040.1.1, AS 62040.1.2 Standards</p> <p><input type="checkbox"/> Supports IEC/EN 62040-2, AS 62040.2</p> <p>END-USER Additional Requirement:</p> <p>Bidder to include the installation of TVSS Device with Groundings for the 2x1.5KVA UPS (30A Power Source Circuit Breaker)</p> <p>1 unit TVSS <input type="checkbox"/> Surge Capacity: 100kA per Phase <input type="checkbox"/> Operating voltage: 240Vac L-L <input type="checkbox"/> Single Phase, 2W+G <input type="checkbox"/> NEMA 1 with LED and dry contacts for monitoring</p> <p><input type="checkbox"/> Height: 44 mm</p> <p><input type="checkbox"/> Width: 410 mm</p> <p><input type="checkbox"/> Depth: 280 mm</p> <p>2 units Power Conditioner</p> <p><input type="checkbox"/> 8 IEC outputs on the back panel</p> <p><input type="checkbox"/> 1 Output on the front</p> <p><input type="checkbox"/> 3-Point protection: surge protection, peak voltage spike clamping and RFI/ EMI filter</p> <p><input type="checkbox"/> Enlightened rear due to included USB LED gooseneck lamp</p>
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<ul style="list-style-type: none"> ☑ Extremely bright, pull out LED lamps with dimmer for rack enlightening ☑ 19"/ 1 RU ☑ Dimensions: 482 x 190 x 88 mm ☑ Weight: 2.95 kg 	<ul style="list-style-type: none"> ☑ Extremely bright, pull out LED lamps with dimmer for rack enlightening ☑ 19"/ 1 RU ☑ Dimensions: 482 x 190 x 88 mm ☑ Weight: 2.95 kg
<p>STRUCTURED CABLING</p>	<ul style="list-style-type: none"> • Supplier to deliver 120 pieces of one meter fabricated (factory-crimped) UTP CAT6 • Supplier to install a 10G (OM4) fiber optic cable (backbone) on the following: <ul style="list-style-type: none"> - in between ICT Cabinets installed in 2nd and 3rd floor of AMAD/PMED Building; - connection from Admin Building to AMAD/PMED Building • Supplier to update/renew the existing Ruckus Wireless LAN Controller (Zone Director) the one (1) year support/subscription.

For guidance and information of all concerned.

ROSARIO C. SALES

Chief, Administrative & Finance Division
 Chairperson, Bids & Awards Committee