



**BIDS AND AWARDS COMMITTEE**  
**Supply, Delivery, Installation, Testing and Commissioning of**  
**Communication and Network Infrastructure**  
**of the Nine (9)-Storey with Covered Roof Deck HLURB Office Building**

**BID BULLETIN NO. 02**  
26 September 2018

**NOTICE** is hereby given that Bid Bulletin No. 02 is hereby issued to clarify, modify or amend items in the Bidding Documents. Accordingly, this shall form as an integral part of the Bidding Documents.

1. **Amendments by HLURB:**

<i>Original Provision</i>		<i>Amendment</i>	
<b>Section VII. Technical Specifications</b>			
<b>1</b>	<b>BIDDERS QUALIFICATION</b>	<b>1</b>	<b>BIDDERS QUALIFICATION</b>
1.1	The Bidder must be in the business of providing ICT network solutions for at least ten (10) years with documented experience in similar project. As proof, the winning bidder must provide at least one (1) client reference that involve similar projects, indicating project description and ABC.	1.1	The Bidder must be in the business of providing ICT network solutions for at least ten (10) years with documented experience in similar project. As proof, the winning bidder must provide at least one (1) client reference that involve similar projects, indicating project description and ABC. The bidder shall submit any proof such as, but not limited to, SEC or DTI Registration, BIR Certificate of Registration, or any contract for ICT Network Solutions that has been entered into 10 years ago.
<b>6</b>	<b>CABLING AND OTHER CABLE ACCESSORIES</b>	<b>6</b>	<b>CABLING AND OTHER CABLE ACCESSORIES</b>
6.1	Complete restoration of all damaged areas affected by civil construction works	6.1	<del>Complete restoration of all damaged areas affected by civil construction works</del>  All phones should make use of nearest available phone outlet provided by the Building Construction Contractor. If the location of the nearest phone cable is not



	<p><b>within the modular furniture, they may tap to install to the nearest adjacent location with the use of Cable Runner. Rooms without any phone outlets should be provided cabling and phone outlets by the bidder. Cabling should be wall embedded and appropriate chipping, roughing and restoration works should be done.</b></p> <p><b>For work areas with no phone line installed but has an adjacent and unused telephone outlet, they may tap these connection provided that these will have cable guard/runner of nearest color with the floor or wall.</b></p> <p><b>For rooms designated as waiting areas (Board Room, Visitor Lounge), which have no phone installation, the phone may be placed on the wall near the doors nearest to IDF. Rooms that are considered Work Areas (Procurement, Building Management) should have phones near assigned tables. Cables should be hidden in walls and appropriate chipping works and restoration should be conducted.</b></p> <p><b>Grounding is only located in the 1<sup>st</sup> floor telco room. There are no communication grounding on the IDF and MDF. Bidder needs to provide grounding for the 2<sup>nd</sup> to 9<sup>th</sup> floors.</b></p> <p><b>If the equipment requires an air-conditioned room, supplier should shoulder the air-conditioning unit and installation costs.</b></p>
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6.5	Any other accessories required to run and operate the network, telephone, access points not included in the items below, not installed in the building will be shouldered, and provided by the contractor	6.5	Any other accessories required to run and operate the network, telephone, access points not included in the items below, not installed in the building will be shouldered, and provided by the contractor
6.5.1	PATCH PANEL CAT-6 (Premium Line)	6.5.1	PATCH PANEL CAT-6 <del>(Premium Line)</del>
6.5.2	INFORMATION OUTLET PORTS (I.O) (Premium Line)	6.5.2	INFORMATION OUTLET PORTS (I.O) <del>(Premium Line)</del>
6.5.3	FACE PLATES (Premium Line)	6.5.3	FACE PLATES <del>(Premium Line)</del>
6.5.4	CABLE CAT-6 LANs (Premium Line)	6.5.4	CABLE CAT-6 LANs <del>(Premium Line)</del>
6.5.5	RJ 45 CAT-6 PATCH CORD and USER CORDS (Premium Line)	6.5.5	RJ 45 CAT-6 PATCH CORD and USER CORDS <del>(Premium Line)</del>
6.5.6	19" MANAGEMENT PANELS (Premium Line)	6.5.6	19" MANAGEMENT PANELS <del>(Premium Line)</del>
6.5.7	FIBER OPTIC CABLE OM3 MULTI MODE 6 CORE Indoor (Premium Line)	6.5.7	FIBER OPTIC CABLE OM3 MULTI MODE 6 CORE Indoor <del>(Premium Line)</del>
<b>Checklist of Eligibility and Technical Documents for Submission</b>			
<p>___ Compliance with Section VII. Terms of Reference</p> <p>___ Submission of supporting certifications/documents as required under Item 1</p> <ul style="list-style-type: none"> <li>▪ One (1) Client Reference involving similar project, indicating project description and ABC</li> </ul>		<p>___ Compliance with Section VII. Terms of Reference</p> <p>___ Submission of supporting certifications/documents as required under Item 1</p> <ul style="list-style-type: none"> <li>▪ <del>One (1) Client Reference involving similar project, indicating project description and ABC</del>  <b>SEC or DTI Registration, BIR Certificate of Registration, or any contract for ICT Network Solutions that has been entered into 10 years ago</b></li> </ul>	



**2. Amendments/Clarifications based on Bidders' questions:**

CLARIFICATION RAISED		ANSWER/REMARKS
<b>BIDDER 1</b>		
2.1	<b>CORE SWITCHES</b>	
2.1.4.1	<p>Must have a single software image that has built-in wired and wireless capabilities</p> <p><i>Single universal Cisco IOS® Software image is a Cisco Proprietary specification</i></p>	<p><b>Retain specification.</b></p> <p>Built-in unified wired and wireless capabilities are also available in other network products.</p>
2.1.4.4	<p>Must support mobility features such as wireless control module (WCM), access point management, CAPWAP data tunnel, CAPWAP mobility tunnel, CAPWAP</p> <p><i>This is the default mode in which a Cisco Catalyst 3850 switch ships. In this mode the switch is capable of terminating the CAPWAP tunnels from the access points and providing wireless connectivity to wireless clients. Pertains to Cisco Catalyst 3850, Cisco proprietary specification</i></p>	<p><b>Retain specification.</b></p> <p>Specification only requires that it <i>supports</i> mobility features. It does not require that it be the default mode the devices are to be shipped.</p>
2.1.4.39	<p>Must support dynamic routing protocol and advanced Layer 3 features such as EIGRP, OSPF, BGP, PIM, and IPv6 routing such as OSPFv3 and EIGRPv6</p> <p><i>EIGRPv6 is a Cisco Proprietary specification</i></p>	<p><b>Item 2.1.4.39 of Section VII. Technical Specifications is hereby amended as:</b></p> <p>Must support dynamic routing protocol and advanced Layer 3 features such as <del>EIGRP</del>, OSPF, BGP, PIM, and IPv6 routing such as OSPFv3 and <del>EIGRPv6</del></p>
2.2	<b>24-PORT POE ACCESS SWITCH</b>	
2.2.4.2	<p>Must support feature to identify, classify and control of trusted internal network traffic through Domain Name System as an Authoritative Source</p> <p><i>Domain Name System as an Authoritative Source (DNS-AS) is a Cisco Proprietary Specification, pertains to Cisco Catalyst 2960X-24PD-L IP Lite</i></p>	<p><b>Item 2.2.4.2 of Section VII. Technical Specifications is hereby amended as:</b></p> <p>Must support feature to identify, classify and control of trusted internal network traffic through <del>Domain Name System as an Authoritative Source.</del></p>



2.2.4.6	<p>Must have feature that allows unidirectional links caused by incorrect fiber-optic wiring or port faults to be detected and disabled on fiber-optic interfaces</p> <p><i>Unidirectional Link Detection Protocol (UDLD) and Aggressive UDLD allow unidirectional links caused by incorrect fiber-optic wiring or port faults to be detected and disabled on fiber-optic interfaces.</i></p> <p><i>UDLD is a Cisco Proprietary Specification, pertains to Cisco Catalyst 2960X-24PD-L IP Lite</i></p>	<p><b>Retain specification.</b></p> <p>Unidirectional link failure detection is not a proprietary protocol. Other brands/switches have the same feature.</p>
2.2.4.13	<p>Must support VLAN ACLs</p> <p>2.2.4.14 Must support Per-VLAN Rapid Spanning Tree (PVRST+) allows rapid spanning-tree (IEEE 802.1w) reconvergence on a per-VLAN spanning-tree basis</p> <p><i>PVRST+ is a Cisco Proprietary specification, pertains to Cisco Catalyst 2960X-24PD-L IP Lite</i></p>	<p><b>Item 2.2.4.14 of Section VII. Technical Specifications is hereby amended as:</b></p> <p>Must support Per-VLAN Rapid Spanning Tree (PVRST+) allows rapid spanning-tree (IEEE 802.1w) reconvergence on a per-VLAN spanning-tree basis <b>or equivalent feature with the same function.</b></p>
2.2.4.26	<p>Must support TELNET</p> <p>2.2.4.27 Must support TACACS+ and RADIUS authentication</p> <p><i>TACACS+ is a Cisco Proprietary specification, pertains to Cisco Catalyst 2960X-24PD-L IP Lite</i></p>	<p><b>Retain specification.</b></p> <p>TACACS is a non-proprietary protocol as defined by RFC 1492.</p>
2.3	<b>48-PORT POE ACCESS SWITCH</b>	
2.3.4.15	<p>Must support Per-VLAN Rapid Spanning Tree (PVRST+) allows rapid spanning-tree (IEEE 802.1w) reconvergence on a per-VLAN spanning-tree basis</p> <p><i>PVRST+ is a Cisco Proprietary</i></p>	<p><b>Item 2.3.4.15 of Section VII. Technical Specifications is hereby amended as:</b></p> <p>Must support Per-VLAN Rapid Spanning Tree (PVRST+) allows rapid spanning-tree (IEEE 802.1w)</p>



	<i>specification</i>	reconvergence on a per-VLAN spanning-tree basis <b>or equivalent feature with the same function.</b>
2.3.4.27	<p>Must support TELNET</p> <p>2.2.4.28 Must support TACACS+ and RADIUS authentication</p> <p><i>TACACS+ is a Cisco Proprietary specification</i></p>	<p><b>Retain specification.</b></p> <p>TACACS is a non-proprietary protocol as defined by RFC 1492.</p>
2.4	<b>NETWORK SWITCH</b>	
2.4.2.35	<p>Must support Per-VLAN Rapid Spanning Tree (PVRST+) allows rapid spanning-tree (IEEE 802.1w) re-convergence on a per-VLAN spanning-tree basis</p> <p><i>PVRST+ is a Cisco Proprietary specification</i></p>	<p><b>Item 2.4.2.35 of Section VII. Technical Specifications is hereby amended as:</b></p> <p>Must support Per-VLAN Rapid Spanning Tree (PVRST+) allows rapid spanning-tree (IEEE 802.1w) re-convergence on a per-VLAN spanning-tree basis <b>or equivalent feature with the same function.</b></p>
<b>BIDDER 2</b>		
	As per TOR, there is multipair cable and 110 block. What will be the used of multipair cable and 110 connecting if we will be using a IP phones?	The 110 block and multipair cable will be used for local distribution.
	Please provide scaled floor plan layout with legend/location of the required additional voice nodes & AP's nodes.	These are already provided in the plans. Dimensions are indicated in printouts which can be used to get the scales of the plans.
	Please provide scaled floor plan layout with Furniture Layout for the distribution of existing voice nodes purposes.	The dimensions are already indicated in the plans provided. Use these are reference for the scales of the plans.
	Can we utilize the existing communication grounding to be use for IDF's and MDF/Server room?	<b>Refer to Item 1 of this Bid Bulletin</b>
	What type of pipes approved by the Bldg. Engineering for horizontal & vertical roughing-ins installation?	Max. of 50mm pipes
	The required dedicated AC power outlet, Communication Grounding	<b>Refer to Item 1 of this Bid Bulletin</b>



	and ACU should be on client account?	
	Warranty and Rectification of defective existing horizontal UTP cable for voice nodes should be arrange by Cabling contractor? Entrance Cable for lease, trunk line and ISP (Fiber Optic/ Copper cable) should be on carrier account?	Warranty and rectification of cables and nodes under subject procurement are only for those cable and components installed by the winning bidder. However, the bidder shall shoulder the cost of any damage that may arise on cabling and other components that are already installed in the building resulting from his/her negligence.  Entrance Cable for lease, trunk line and ISP (Fiber Optic/Copper cable) will be on carrier account.
	All necessary permits, PEZA & any installation bond if required by the City Government shall be arranged by HLURB prior to installation?	None.
	Any delay due to construction period of the Building will be carry over for the Warranty of Active Components?	Target completion of the building construction is in November 2018.
<b>BIDDER 3</b>		
	On item 3.3.2.2 under the Staff phone and 3.5.2.3 under Operator phone requirement, is it considerable if we offer IP phone with 10/100 BASE-T ethernet port?  <i>Minimum bandwidth requirement for a good quality phone call is 90 – 150 kbps only, thus having a 10/100/1000BASE-T Ethernet greatly exceeds the requisite of common voice call. Calling experience using an IP Phone with a 100Mbps Ethernet port does not differ with an IP phone with a gigabit port. The IP phone with 10/100 Mbps Ethernet port will offer HLURB cost-effective telephony system without compromising functionality, features and quality.</i>	<b>Items 3.3.2.2 and 3.5.2.3 of Section VII. Technical Specifications are hereby amended as:</b>  Must have two internal 10/100/ <del>4000</del> BASE-T Ethernet network
	Must support backlit indicators for audio path keys such as handset,	<b>Retain specifications.</b>





	<p>headset, and speakerphone, select key, line keys, and message waiting</p> <p><i>Referring on item 3.3.2.6 regarding backlit indicator for audio path keys, is non-backlit acceptable instead? Backlit indicator is only advantageous if the phone will be installed in a dim-lit areas which may not be the case in HLURB as phones will be used in office workspace and during office hours.</i></p>	
	<p>Due to some limited documentation, is screenshot of configurations from the actual systems sufficient to serve as a proof that the proposed items are compliant with the requirement?</p>	<p>Any proof of compliance shall be accepted. However, it should be clearly documented that the screenshot is also from the model being offered in the bid.</p>
	<p>May we kindly request and seek your kind consideration for an extension of bid submission from October 1, 2018 to <b>October 5, 2018.</b></p> <p><i>The project requirement will entails a number of solutions that requires coordination with different principals. This includes validation and discussion of appropriate solution that should meet and comply on the requirement. Same holds true for the cabling component. There were complexities that we need to consider and address. Having mentioned these, the bid preparation will entails a much longer time in preparing the bid proposal. Thus, our humble request to extend the bid submission date.</i></p>	<p>As stated in Bid Bulletin No. 1, the deadline for the submission and opening of bids is rescheduled on <b>03 October 2018.</b></p>
	<p>SIP GSM Gateway Licensing and Subscription: 3 years</p> <p><i>The said equipment does not require any licensing and subscription.</i></p> <p><i>Likewise, this same equipment is</i></p>	<p>Licensing and Subscription is only required if the device requires a separate activation or software to allow operation.</p> <p>The SIM and appropriate telecommunication subscription will be shouldered by the HLURB.</p>





	<p>supplied separately exclusive of a SIM from any of the telco operator. The SIM and its subscription should be availed separately by the end-user like HLURB from the telco operator.</p> <p>In view of this, we seek your kind consideration to remove item 3.7.4 under Section VII of the Technical Specifications.</p>	
<b>BIDDER 4</b>		
<p>1.2</p>	<p>The Bidder should have at least five (5) Certified Professionals of the proposed brand; two (2) with the highest level of Certifications. The Bidder shall submit photo copies of the certifications and company ID.</p> <p><i>The statement provided means that the certified professionals are that of the proposed brand. Please specify on which specific field of expertise as this statement is quite general. In example, for networking only. Moreover, since other vendors only offer a single level of expertise, would it be possible if we reduce the number of required certified engineers to 2?</i></p>	<p><b>Item 1.2 of Section VII. Technical Specifications is hereby amended as:</b></p> <p>The Bidder should have at least five (5) Certified Professionals of the proposed brand <b>or equivalent industry standard certification</b>, two (2) with the highest level of Certifications. <b>At least two (2) of the Certified Professionals should have certifications in the field of Wireless Connectivity, Network Infrastructure Security or Switching and Routing.</b> The Bidder shall submit photo copies of the certifications and company ID.</p>

  
**ATTY. RIA CORAZON A. GOLEZ-CABRERA**  
 Chairperson, HLURB-BAC