

Bid Bulletin No. 3

**“Supply, Delivery and Installation of Network Cabling and CCTV System of DTI Offices in UPRC and International Buildings”  
Bidding No. 22-017**

August 12, 2022

This Bid Bulletin No. 3 is hereby issued to modify or amend the Bidding Documents.

**A. Section III. Bid Data Sheet**

|     |   |
|-----|---|
| 5.3 | <p>For this purpose, contracts similar to the Project shall be:</p> <p>For Lot Nos. 1 and 2</p> <ul style="list-style-type: none"> <li>a. <b>Supply, Delivery, and Installation of</b> Structured Cabling System or CCTV System;</li> <li>b. completed within <b>five (5) years</b> prior to the deadline for the submission and receipt of bids.</li> </ul> <p>The prospective bidder should have completed at least two (2) similar contracts and the aggregate contract amounts should be equivalent to at least 50% of the ABC; and</p> <p>The largest of these similar contracts must be equivalent to at least half of the percentage of the ABC as required above.</p> <p>The following projects are accepted as SLCC:<br/>         Lot 1 - Supply, Delivery, and Installation of Fiber optic project deployment<br/>         Lot 2 - Supply, Delivery, and Installation of Security Camera.</p> |
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**B. Section VII. Technical Specifications**

**LOT NO. 1 (Network Cabling System)**

1. Provision of As-built Plan/Design w/ PECE Sign and Seal. (A PECE employed by the company is not necessary).
2. **Backbone fiber and copper (Cat 6)**
  - i. All 4 Core Fiber stated in this section shall be replaced by 6 Core Fiber
3. **Multi Pair Backbone**
  - 3.43. The following are the required specifications:
    - i. **FIBER OPTIC MATERIALS**
      - a. 6 Core Fiber Optic Cable MM Om4 – 1 lot
      - b. Om4 Fiber Patch Cord MM (1.5 Meters) – 22 pcs.
      - c. Fiber Optic Patch panel (6 Core end-to-end) – 6 pcs.
    - ii. **MULTI PAIRS MATERIALS**
      - a. 25 Pair Cable – 1 lot

iii. **LABOR**

a. All 4 Core Fiber stated in this section shall be replaced by 6 Core Fiber

4. **QUALIFICATION REQUIREMENTS**

- i. Deletion of 4.2 and 4.3
  - ii. Winning Bidder shall secure Auxiliary permit.
5. For the installation of wire gutter, the cable tray must be metal, and the PVC Pipe is for distribution. Plastic molding is NOT accepted for structured cabling.
6. The winning bidder must submit FLUKE test report and As-built plan for 2 sites.

**LOT NO. 2 (CCTV System)**

1. **SCOPE OF WORK AND DELIVERABLES**

| FROM   | TO   |
|--|--|
| <b>CCTV CAMERA MATERIALS</b>   |  |
| UTP Cat 6 Cable (Roll)   | UTP Cat 6 Cable (1 lot)  |
| 10 TB Hard-disc  | 10 TB Hard-disc (8 units)  |
| Uninterrupted Power Supply   | Uninterrupted Power Supply (2 units [1 each per site])   |
| <b>(1 Unit) 32-ch 1.5U 24 PoE 4K NVR</b>   | <b>(1 Unit) 32-channel 4K NVR non-POE, minimum of 1U rack mount</b>  |
| <ul style="list-style-type: none"> <li>• Up to 32 channel IP cameras can be connected</li> <li>• Up to 2-ch @ 12 MP/16-ch @ 1080p decoding capacity</li> </ul> | <ul style="list-style-type: none"> <li>• minimum 32 channel rack mount IP cameras can be connected</li> <li>• minimum 2-channel @ 12 MP/16-ch @ 1080p decoding capacity</li> </ul> |
| Additional for non-POE NVR   | 24 ports POE switch  |
| <b>Video and Audio</b>   |  |
| VGA Output<br>1920 x 1080/60Hz, 1280 x 1024/60Hz, 1280 x 720/60Hz, 1024 x 768/60Hz   | 1920 x 1080, 1280 x 1024, 1280 x 720/60, 1024 x 768  |
| <b>Network</b>   |  |
| Network Protocol<br>TCP/IP, DHCP, IPv4, IPv6, DNS, DDNS, NTP, RTSP, SADP, SMTP, SNMP, NFS, iSCSI, ISUP, UPnP™, HTTP, HTTPS                                     | Network Protocol<br>TCP/IP, DHCP, IPv4, IPv6, DNS, DDNS, NTP, RTSP, SADP, SMTP, SNMP, NFS, iSCSI, ISUP, UPnP, HTTP, HTTPS  |
| <b>(1 Unit) 16-ch 1U 16 PoE 4K NVR</b>   | <b>(1 Unit) 16-channel 4K NVR non-POE, minimum of 1U rack mount</b>  |
| <ul style="list-style-type: none"> <li>• Up to 16 channel IP cameras can be connected</li> <li>• Up to 2-ch@12 MP/16-ch@1080p decoding capacity</li> </ul>     | <ul style="list-style-type: none"> <li>• minimum 16 channel rack mount IP cameras can be connected</li> </ul>  |

|   |   |
|---|---|
|   | <ul style="list-style-type: none"> <li>minimum 2-channel @12 MP/16-ch@1080p decoding capacity</li> </ul>                  |
| Additional for NON-POE NVR  | 16 ports POE Switch   |
| <b>Video and Audio</b>  |   |
| VGA Output<br>1920 x 1080/60Hz, 1280 x 1024/60Hz, 1280 x 720/60Hz, 1024 x 768/60Hz  | 1920 x 1080/60, 1280 x 1024/60, 1280 x 720/60, 1024 x 768   |
| <b>Network</b>  |   |
| Network Protocol<br>TCP/IP, DHCP, IPv4, IPv6, DNS, DDNS, NTP, RTSP, SADP, SMTP, SNMP, NFS, iSCSI, ISUP, UPnP™, HTTP, HTTPS  | Network Protocol<br>TCP/IP, DHCP, IPv4, IPv6, DNS, DDNS, NTP, RTSP, SADP, SMTP, SNMP, NFS, iSCSI, ISUP, UPnP, HTTP, HTTPS |
| <b>8 Units (Layer 2 Switch 8 Ports POE)</b>   |   |
| <b>Approval</b>   |   |
| Chemistry<br><br>CE-RoHS (2011/65/EU); WEEE (2012/19/EU); Reach (Regulation (EC) No 1907/2006)  | To be deleted   |
| Storage<br>4 x 10 Terabyte HDD (8x10)   | 8 x 10 Terabyte HDD   |
| <b>32" FULL HD LED MONITOR (2 Units)</b>  | <b>32" FULL HD LED MONITOR (2 Units) (minimum)</b>  |
| USB Playback Codecs<br>MPEG1/MPEGS2PS/MPEG2TS/AVCHD /MP4P/MP4Part2/A<br>VI/WAV/MP3/WMA/JPEG   | Manufacturer's standard   |
| <b>28 (Pcs) Camera IP Bullet PoE 4 MP</b>   |   |
| <b>Lens</b>   |   |
| Focal Length & FOV<br>2.8 mm, horizontal FOV 96.5°, vertical FOV 50.8°, diagonal FOV 113.9°<br>4 mm, horizontal FOV 75.8°, vertical FOV 40.8°, diagonal FOV 89.1° | 4 mm (outdoor), horizontal FOV 75.8°, vertical FOV 40.8°, diagonal FOV 89.1°  |
| DORI<br>2.8 mm, D: 64.0 m, O: 25.4 m, R: 12.8 m, I: 6.4 m<br>4 mm, D: 77.4 m, O: 30.7m, R: 15.5m, I: 7.7 m  | 4 mm (outdoor), D: 77.4 m, O: 30.7m, R: 15.5m, I: 7.7 m   |
| <b>Audio</b>  | Remove all "UF:"  |

|  |  |
|--|--|
| <b>Network</b>   |  |
| Protocols<br>TCP/IP, ICMP, HTTP, HTTPS, FTP,<br>DHCP, DNS, DDNS, RTP, RTSP,<br>RTCP, NTP, UPnP™, SMTP, IGMP,<br>802.1X, QoS, IPv6, Bonjour, IPv4, UDP,<br>SSL/TLS      | Protocols<br>TCP/IP, ICMP, HTTP, HTTPS, FTP,<br>DHCP, DNS, DDNS, RTP, RTSP,<br>RTCP, NTP, UPnP, SMTP, IGMP,<br>802.1X, QoS, IPv6, Bonjour, IPv4,<br>UDP, SSL/TLS |
| <b>Interface</b>   | Remove all “UF:”   |
| <b>General</b>   | Remove all “-UF”   |
| Web Client Language  | Remove Ukrainian   |
| <b>20 (Pcs) Camera IP Dome PoE 4MP</b>   |  |
| <b>Lens</b>  |  |
| Focal Length<br>2.8 mm, 4 mm   | 2.8 mm (indoor)  |
| FOV  | 2.8 mm (indoor), horizontal FOV 100°,<br>vertical FOV 55°, diagonal FOV 117°   |
| <b>Audio</b>   | Remove all “UF:”   |
| <b>Network</b><br>TCP/IP, ICMP, HTTP, HTTPS, FTP,<br>DHCP, DNS, DDNS, RTP, RTSP,<br>RTCP, NTP, UPnP™, SMTP, IGMP,<br>802.1X, QoS, IPv6, Bonjour, IPv4, UDP,<br>SSL/TLS | TCP/IP, ICMP, HTTP, HTTPS, FTP,<br>DHCP, DNS, DDNS, RTP, RTSP,<br>RTCP, NTP, UPnP, SMTP, IGMP,<br>802.1X, QoS, IPv6, Bonjour, IPv4,<br>UDP, SSL/TLS              |
| <b>Interface</b>   | Remove all “UF:”   |
| <b>General</b>   | Remove all “-UF”   |
| Web Client Language  | Remove Ukrainian   |
| <b>Uninterrupted Power Supply</b>  | 2 units  |

Winning bidder shall handle the installation in 2 buildings.

CCTV Configuration must be in-house.

#### 4. QUALIFICATION REQUIREMENTS

- 4.1. The winning bidder must have the capacity and ability to provide maintenance services and technical support.
  - 4.1.1. 8x5 (Monday-Friday) Phone/Email/Remote technical assistance and support on reported system problem and other related.
  - 4.1.2. On-site technical assistance and support with response time of two (2) hours upon confirmation of call in case of critical problems such as systems breakdown, unavailability or downtime.
- 4.2. Deletion of 4.2.

#### OTHERS (For Lot Nos. 1 and 2):

##### A.

1. Chipping and restoration works c/o winning bidder.
2. Winning bidder to process and submit permit from LGU (Electronics permit).
3. Work permit must be secured from DTI – Renovation at least a day before the work schedule with the list of names and to be renewed on a monthly basis or as necessary.

4. Working hours, delivery, and pull out of supplies/materials:
  - Weekdays: 6 PM to 5 AM the following day
  - Weekends: 6 AM onwards until 5 AM on Monday.
5. Workers are required to present ID (complete with picture and signature) to the lobby security personnel.
6. Workers are required to wear their company uniforms and PPEs during their working hours. Violators shall be restricted from entering the building.
7. The passenger elevators cannot be used to haul supplies, materials, or equipment for the projects instead use stairwells.
8. No stay-in at the renovation site for the workers after working hours. Equipment, supplies, and materials at the site should be secured by the contractor at their own risk.
9. Strictly follow daily housekeeping and at least weekly hauling of debris at the job site.
10. Use only BPS-certified materials/supplies.
11. Other details and specs mentioned by the ISMS team during the site inspection must be followed.
12. Dismantling and clearing of old Data Cabinet and cables in 2<sup>nd</sup> and 3<sup>rd</sup> floor at FTEB Building.
13. Clearing of old cables in ground floor and 2<sup>nd</sup> floor at ITG Building.
14. Provision of data node for ACCESS POINTS and BIOMETRICS in all floors at FTEB and ITG Buildings.
15. Provision of SFP Module 10Gigabit – 12pcs.

Link of the Floor Plan:

<https://drive.google.com/drive/folders/1crtH5UH5woZrWeR8j8Vk0yinKQjNrGKx?usp=sharing>

**B.**

1. If the bidder opts to bid for two (2) lots, the bidding documents fee is Ten Thousand Pesos (Php10,000.00).

For the guidance and information of all concerned.

*SGD.*

**MARY JEAN T. PACHECO**

Assistant Secretary

Chairperson, DTI Bids and Awards Committee

Conforme:

\_\_\_\_\_  
Name and Signature of  
Authorized Representative  
Date: \_\_\_\_\_