

Technical Specifications

PROJECT	<p style="text-align: center;">One (1) Lot Rehabilitation and Upgrading of CCTV system for OWWA Center Building</p>
<p>I. SCOPE OF WORK AND SERVICES</p>	<ol style="list-style-type: none"> 1. The contractor should conduct pre-inspection and measurement to ensure satisfactory completion of the project. 2. The contractor shall secure necessary Access or Permit to Work and Entry/Exit Pass for the personnel, materials and equipment from OWWA before the commencement of the project. 3. The contractor shall provide capable technicians, tools, equipment and supervision necessary for the replacement, rehabilitation and upgrading of the existing CCTV system components, accessories, devices and equipment. 4. Occupational Health and Safety Standards at the Workplace shall be observed and implemented while at the work site for its personnel assigned to this project. 5. Works such as fabrication, hot-works, and/or chipping of slab, flooring, and CHB wall, the contractor shall be coordinated with EGSD before specific works can proceed. 6. The contractor shall submit the following documentation to OWWA upon completion of the project. <ul style="list-style-type: none"> ▪ System brochures/documentation for systems operational & user manual for maintenance services. ▪ Detailed list of equipment stating the location, make model, serial numbers, firm ware among others. ▪ Result of system test as per manufacturers standard. ▪ Hardware and Workmanship Warranty/Guarantee for One (1) year ▪ Certification of Parts availability ▪ Training Certification of attendees for Operations and Maintenance of the system. 7. The Contractor shall perform the installation, testing and commissioning of all upgraded CCTV system components, accessories, devices and equipment. All necessary tests, services and inspections shall be conducted to assure the system functions and shall be checked and approved before the acceptance test. 8. The Contractor shall prepare and furnish fully dimensioned scaled drawings of builder's work arising from the installation of the equipment and system as well as for the equipment layout plans at various locations 9. The Contractor shall prepare and furnish an "As-built" drawings and shall show the general arrangement of all CCTV system components, accessories, devices and equipment and, auxiliaries, fittings, switches, switch-boards and control panels, cables, pipes, ducts runs, markers and inter-wiriness, schedules, plant manufacturers name plates, models and type numbers and other information necessary to facilitate routine inspection and maintenance of installation. 10. The "As-built drawings" of Two (2) sets of the hard copy and soft copy shall be delivered.

II. LOCATION of REPLACEMENT AND INSTALLATION

LOCATION	SPECIFIC DELIVERABLES
<ul style="list-style-type: none"> (1) 2-units Hallway going to Fire exit way at 10th floor (2) 1-unit Elevator Control Room at 10th floor (3) 1-unit Gym at 10th floor (4) 1-unit Multi-Purpose Hall at 10th floor (5) 2-units Hallway going to Fire exit way at 9th floor (6) 2-units Hallway going to Fire exit way at 8th floor (7) 2-units Hallway going to Fire exit way at 7th floor (8) 2-units Hallway going to Fire exit way at 6th floor (9) 2-units Hallway at 5th floor (10) 2-units Hallway going to Fire exit way at 4th floor (11) 3-units Hallway going to Fire exit way, Canteen 3rd floor (12) 3-units Lobby, Hallway going to Fire exit way at 2nd floor (13) 6-units Lobby, Hallway, Clients Entrance Area, Security Guard Counter at Ground floor (14) Passenger / Executive Elevator – 3 Units <p>Total number of units – 32</p>	<p>29 pcs of IP Dome Camera - 2-MP 1/2.8" CMOS image sensor, low illuminance, high image definition. - Outputs max. 2 MP (1920 × 1080) @25/30 fps. - H.265 codec, high compression rate, ultralow bit rate. - Built-in efficient IR illuminator, and the max. illumination distance is 30 meters.</p>
<ul style="list-style-type: none"> (1) 3-units FB Harrison St. perimeter side parking and fire exit area (2) 3-units 7th St. perimeter side parking area (3) 1-unit Main Entrance <p>Total number of units – 7</p>	<p>7 pcs of IP Bullet Camera - 2MP, 1/2.8" CMOS image sensor, low illuminance, high image definition - Outputs max. 2MP (1920 × 1080) @25/30 fps H.265 codec, high compression rate, ultralow bit rate</p>
<ul style="list-style-type: none"> (1) 1-unit PABX Room and Electrical Room 	<p>1 pc of NVR 64Channel - Supports Smart H.265+, H.265, Smart H.264+, H.264 and MJPEG decoding formats. - Max. decoding capability: 32 × 1080p@30 fps or 32 × 2MP@30 fps. - Max. 384/384/384 Mbps incoming/recording/outgoing bandwidth.</p>