



Republic of the Philippines
Iloilo Science and Technology University
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TERMS OF REFERENCE

Project Title: **Supply of Labor and Materials for the Installation of CCTV System - Phase V at ISAT U La Paz Campus as per approved scope of works and Terms of Reference (TOR) including Testing and Commissioning**

Location: ISAT U La Paz Campus, Iloilo City

ITEM NO. 1

Supply, configuration, mounting, and installation of IP cameras in the following locations:

Item	Location	Camera Type	IDF
1	UNEVOC Park	Bullet	IDF Student Services
2	TASI Statue Area	Bullet	IDF Finance
3	VPAF Entrance Area	Bullet	IDF Administration
4	ICT Building 1/F Entrance	Bullet	IDF ICT
5	CEA Building 1/F Hallway	Bullet	IDF CEA
6	CEA Building 1/F Hallway 2	Bullet	IDF CEA
7	CEA Building 1/F Hallway 3	Bullet	IDF CEA
8	CEA Building 2/F Hallway	Bullet	IDF CEA
9	CEA Building 2/F Hallway 2	Bullet	IDF CEA
10	CEA Building 2/F Hallway 3	Bullet	IDF CEA
11	CEA Building 3/F Hallway	Bullet	IDF CEA
12	CEA Building 3/F Hallway 2	Bullet	IDF CEA
13	Science Building 1/F	Bullet	IDF Science Faculty
14	Science Building 1/F 1	Bullet	IDF Science Faculty
15	Science Building 2/F	Bullet	IDF Science Faculty
16	Science Building 2/F 2	Bullet	IDF Science Faculty
17	Science Lab 1/F	Bullet	IDF Science Lab
18	Science Lab 1/F 1	Bullet	IDF Science Lab
19	Science Lab 2/F	Bullet	IDF Science Lab
20	Science Lab 2/F 2	Bullet	IDF Science Lab
21	Science Lab 3/F	Bullet	IDF Science Lab
22	Science Lab 3/F 2	Bullet	IDF Science Lab
23	Student Services Bldg 1/F	Bullet	IDF Student Services
24	Student Services Bldg 2/F	Bullet	IDF Student Services
25	Student Services Bldg 2/F 2	Bullet	IDF Student Services
26	TEB Building 1/F	Bullet	IDF Medical
27	TEB Building 1/F 2	Bullet	IDF Medical
28	Graciano Lopez Jaena 1/F	Bullet	IDF MIS
29	Graciano Lopez Jaena 2/F	Bullet	IDF MIS
30	Graciano Lopez Jaena 3/F	Bullet	IDF MIS
31	TEB Annex 1F	Bullet	IDF Security
32	TEB Annex 2F	Bullet	IDF Security





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Minimum specifications of Camera:

- IP camera
- Day and Night
- 4.0MP IR, 1/3" progressive scan CMOS
- Built-in PoE

ITEM NO. 2

Supply, configuration and installation of Network Video Recorder (NVR) at the MDF

Minimum specifications:

- 32-channel 4K NVR
- Incoming bandwidth 160 Mbps
- Outgoing bandwidth 256 Mbps
- Decoding format H.265/H.265+/H.264/H.264+/MPEG4
- Synchronous playback 16-ch
- 2 x RJ45 Gigabit Ethernet
- 4 x SATA up to 10TB capacity
- USB interface for front and rear panels

ITEM NO. 3

Labor/Installation/Configuration/Testing/Transportation Cost (Includes supply of cables, mounting kits for cameras, mounting of cameras, configuration of recording software and cameras)

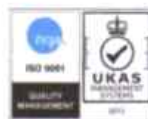
- Outdoor cables must be insulated with PVC pipe or equivalent and painted according to the color of the building
- Indoor cables must be insulated with PVC molding or equivalent
- Indoor ceiling cable run must be insulated with flexible hose or equivalent
- Cable should be labeled with sticker 'CCTV Phase IV' every 3 meters

Must be compatible with existing HIKVISION IP-Based CCTV systems.

Establishment of CCTV signage/markings (color yellow) near the area to which the camera installed

Warranty: 1 year, includes materials and service unless otherwise specified in specific terms of reference

Project should be completed within 60 calendar days upon signing of the Notice to Proceed.






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11 SEP 2024

