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QUSTIONS & ANSWERS FOR REQUEST FOR PROPOSAL PCS-2026-61

To assist the Ministry of Justice in "Designing and Installing an Integrated IP CCTV Surveillance Alarm System, and Lighting for the New Division of Correctional Facility".

1. 8MP anti-ligature cell cameras: The RFP requires "Minimum 8MP" for all cameras, including anti-ligature corner-mount cameras in cells. Based on our research, there may be limited availability of 8MP anti-ligature corner-mount cameras with suitable IR range and operating temperature for a correctional environment. If the specified 8MP resolution cannot be met in a suitable form factor, would the Republic accept an equivalent or better solution at 6MP or 5MP for cell cameras, while reserving 8MP for general surveillance? We are asking to ensure we propose the safest and most reliable solution.
A minimum of 6MP is acceptable for cell interiors; however, 8MP or higher is recommended for hallways, corridors, lobbies, and external perimeters.

2. PLC integration: The RFP requires integration with the existing PLC for door alarms and "Man Down." Please provide the PLC make, model, protocol, and points list, and confirm whether the PLC vendor will cooperate. What integration method is required (OPC, Modbus, BACnet, dry contact)?
Detailed specifications for this system are not currently available. Bidders are encouraged to include an offering for this system in their proposal.

3. 90-day retention and storage: Does the 90-day retention apply to all cameras at full resolution and frame rate? At 8MP/10 Mbps, 100 cameras require roughly 970 TB usable for 90 days. The 20TB Synology appears insufficient for primary storage. Please clarify the retention basis and whether 8MP applies to all cameras, or if lower resolution or frame rate is acceptable for archival retention.
The proposed **20TB Synology storage system** is dedicated to long-term archive and investigation footage exported by end users. Standard video feeds will be stored separately for **90 days**, operating on a continuous overwrite loop unless specific clips are extracted and saved.

4. UPS runtime conflict: Control room UPS is listed as 30–60 minutes, but CCTV requires 6 hours and alarm 1.5–2 hours. Please clarify the required runtime for control room workstations, HVAC, off-grid ventilation, CCTV, and alarm systems.
The site has back up generator to power up the entire site, including the control room, depending on the vendors architecture if cameras will have a separate power sources, such power sources shall last at least 6hrs. same manner applies to alarm system.

5. PA "pressure level 80-85": Units are missing. Is this dB SPL at 1m? Is the requirement 15–

20 dB above ambient? Who will measure STI >0.50, and what happens if the target is not met?
The PA system must deliver a minimum sound pressure level of **80–85 dBA SPL measured at ear level (1.5m from floor) throughout all coverage zones**, maintaining a minimum of **+15 dBA above ambient noise levels**. Speaker layout must maintain an **STI score > 0.50** at ear level. Specifications stating '80–85 dB at 1m' from the speaker face are unacceptable

6. Alarm stages: The RFP says "Three (2) stage alarm" and lists three functions (alert, evacuation, lockdown). Please clarify whether this is a two-stage or three-stage system.
3 stage.

7. IK10+ and IP66/67: IEC 62262 defines IK10 as the highest rating; "IK10+" is not a standard. Is IK10 acceptable, or is a higher impact rating (50J–70J) required? For IP, is IP66 sufficient, or is IP67 mandatory?
IK10 & IP66