

PARKS, RECREATION & CULTURE

REQUEST FOR CONSTRUCTION

East Hants Sportsplex Access Control & CCTV System Upgrade
RFC50913 - Addendum 2

Release date: June 24, 2026
Tenders will be received up to
2:00:00 pm local time on July 3, 2026

Contact: Michael Hatfield
Procurement Officer
Municipality of East Hants
Telephone: 902-883-6232
Email: mhatfield@easthants.ca



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Contents

- 1. OBSERVATIONS FROM SITE BRIEFING 3
 - 1. SECTION 27 10 05 - STRUCTURED CABLING FOR COMMUNICATIONS SYSTEMS 3
 - 2. SECTION 28 23 00 - CCTV VIDEO SURVEILLANCE SYSTEM 3



1. OBSERVATIONS FROM SITE BRIEFING

1. Please confirm whether a new Access Control Server with a new instance of Keyscan Aurora software is required, or if the system will integrate with an existing instance (on-site or off-site). If this is a new installation, please confirm if Aurora 2.0 is acceptable, as version 1.0 is no longer available.

ANSWER: A new Access Control Server with a new instance of Keyscan Aurora software would be required. Keyscan Aurora 2.0 version is acceptable.

2. Would an extended reach copper solution be acceptable in lieu of a signal booster for camera 16? This solution is certifiable, included in the structured cabling warranty, and supports longer-distance PoE over standard copper cabling.

ANSWER: An extended reach copper solution would be acceptable in lieu of a signal booster up to a maximum distance rated by manufacturer up to 150m. Otherwise signal booster solution to be used.

3. Would a powered fiber solution be acceptable? This approach would eliminate the need for a rack on the far side of the soccer dome by allowing powered fiber runs to each camera, using existing pathways for power to the light poles and avoiding civil work and reinstatement. All equipment and Class 2 DC rectifiers could be centralized in the main communications room for easier management and servicing.

ANSWER: 6 strand OEM4 fibre cable to be run to new data rack on the far side of the soccer dome as indicated on tender drawings. CAT6 cable is not to be run within the same conduit as power to the light pole.

SPECIFICATIONS

1. SECTION 27 10 05 - STRUCTURED CABLING FOR COMMUNICATIONS SYSTEMS

1. Revise section 2.3.2.1 to read
 1. Shall be 100 ohm, Four-pair underlying metallic shield, Category 6 with to: TIA/EIA-568, flame test classification ~~FT4~~ FT6 to: CSA-C22.2 No. 214.
2. Revise section 2.3.2.3 to read
 1. Blue, 6, ~~FT4~~ FT6.
 2. White, 6, ~~FT4~~ FT6.
 3. Yellow, 6, ~~FT4~~ FT6.
 4. Brown, 6, ~~FT4~~ FT6.

2. SECTION 28 23 00 - CCTV VIDEO SURVEILLANCE SYSTEM

1. Revise section 2.2.1 to read
 1. 23 AWG 4 pair Category ~~6A~~ 6 cable.
2. Revise section 3.2.1.1 to read
 1. All wiring must be FT-6 rated, insulated copper conductors, Category ~~6A~~ 6 between cameras and patch panels.
3. Revise section 3.4.4 to read
 1. At the end of installation, make all necessary tests in the presence of the user's representative. Perform a Category ~~6A~~ 6 permanent link test of each installed cable to 500MHz performance parameters. Submit test results for review. All cables tested must meet or exceed the minimum transmission requirements as per Category ~~6A~~ 6 requirements.

END OF ADDENDUM