

Policy and Sustainability Committee Report

10:00am, Thursday, 23 July 2020

Public Realm CCTV Update

Executive/routine Wards Council Commitments	Executive All
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1. Recommendations

- 1.1 Committee approves the update of the multi-agency project board for the upgrade of the Public Realm CCTV service in Edinburgh.
- 1.2 To request an update on the Public Realm CCTV upgrade project progress in six months' time.

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Policy & Sustainability Committee Report

Public Realm CCTV Continuation of Service

2. Executive Summary

- 2.1 This report seeks to present an update to Committee on the progress made towards developing the Public Realm CCTV service in Edinburgh.

3. Background

- 3.1 The City of Edinburgh Council operates a CCTV camera estate across the public realm, housing blocks, the transport network, and Council buildings. Provision of CCTV services is non-statutory, and the service is provided to support public safety and security, including the prevention and detection of crime.
- 3.2 An internal audit review of CCTV infrastructure conducted in 2017/18, included a recommendation for the creation of a corporate plan for CCTV to ensure that all CCTV operations across the Council are managed efficiently, consistently, and are legislatively compliant.
- 3.3 Significant investment is required across the public realm CCTV estate to establish an effective and efficient service. The current analogue systems have surpassed the end of their serviceable life expectancy, particularly given the shift in technology from analogue to digital/internet protocol (IP).
- 3.4 The Public Realm CCTV upgrade requires to be future-proofed for any developments in the Smart City Operations Centre programme within the Council, to which the service area would be integrated.
- 3.5 The upgrade project successfully submitted a European Regional Development Fund (ERDF) bid as part of the 8th City Programme; Scottish Cities Alliance smart cities initiative. This bid revolves around the upgrade of public safety infrastructure, for developing a 'Smart City'. The proposal was approved, and the ERDF project will span across 2019-2022. The amount requested from ERDF is £356,000 (40%), with £534,000 (60%) being match funded from the capital budget allocation for the CCTV upgrade. This project is currently being aligned with the Smart City Operation Centre Programme.

4. Main report

European Regional Development Fund (ERDF)

- 4.1 Edinburgh was notified in February 2020 that there were additional leftover funds in the ERDF 8th City Programme smart cities initiative pot which could be applied for. Officers co-ordinated to submit several smart city project business case bids to the Programme Management Office. Two bids have since been successful in obtaining funding, one of which has been the CCTV Upgrade project, which has now doubled the external funding towards the project to £712,000 from the original £356,000 secured from the programme in 2019. The project will span across 2019-2022, with £1,068,000 being match funded from the capital budget allocation for the CCTV upgrade in order to secure the 40% contribution from the programme.
- 4.2 The ERDF CCTV upgrade project is underway, with market and stakeholder engagement completed, this has advised on key functionalities for a future system and increased awareness of industry leading technology.
- 4.3 External information exchange workshops and communications have taken place between Edinburgh and other local authorities which are all at different stages of upgrading their CCTV systems; such as Bristol City Council, Glasgow City Council, Dundee City Council, Perth City Council and North Lanarkshire Council. All listed local authorities have endeavoured to transition from analogue to digital systems, modernising their cameras and transmission networks whilst intending to implement video analytics to better manage their city. Dundee and Perth City Council have similarly utilised the ERDF 8th City Programme to support implementing their Public Realm CCTV Upgrade.
- 4.4 Furthermore, there has been crucial internal dialogue cross-departmentally regarding a future Edinburgh Smart City Operations Centre and which synergies across service areas would unlock value for the organisation.
- 4.5 Significant work has been undertaken to align several strands of 'smart city' work-streams spanning diverse groups of teams and departments towards infrastructure upgrade and integration. The intention of which will offer easier access to data and the ability to visualise and analyse that data to enable better decision-making, both for real-time management of the city and for longer term planning.
- 4.6 The internal and external engagement activity has clarified key output and benefit realisation targets for the Public Realm CCTV project. Two significant objectives of the project are to improve the resilience of the system to ensure no single point of failure and to reduce the steps required to handle public safety incidents in real-time and retrospectively by CCTV Operators in order to secure better outcomes for the city.
- 4.7 In relation to the programme, many integral ERDF reporting requirements have been submitted, notably, the Project Initiation Document (PID) which outlines the project plan, benefits realisation plan, project interfaces, risk management strategy

and much more. This marks a milestone in the progression of the project within the programme and ensures best practice.

4.8 Upcoming milestones within the project are outlined below:

Transmission Survey Implementation	August 2020
Prior Information Notice	September 2020
Finalise Specification	November 2020
Tender Returns	December 2020
Tender Evaluations	January 2021
Committee Approval	March 2021
Contract Award	April 2021

4.9 Furthermore, a 40%-part funded ERDF Project Manager has been recruited into the post to progress the upgrade project within the programme and ensure eligibility of financial claims.

Current Projects

Transmission Survey

- 4.10 The Transmission Survey intends to fulfil the requirement for a telecommunications service provider specialising in the transmission of CCTV video signals, to advise on the most effective means of transmitting high-bandwidth video data across the City of Edinburgh.
- 4.11 The intended output of this requirement will be the creation of a report for the most efficient transmission routes/architecture to save on running costs, reduce carbon footprint, reduce digitalisation costs and improve resiliency. This will inform the upcoming upgrade of CCTV public realm infrastructure.
- 4.12 The effective transmission routing report would then be able to contribute to more services than the proposed future public realm Video Surveillance System (VSS), with possible synergies between Housing Concierge, Traffic Control and other areas.
- 4.13 The Council undertook a Quick Quote process in accordance with the ERDF Aide Memoire and the tender was published in March 2020.
- 4.14 It is the intention that the contract will commence in July 2020 subject to any COVID-19 restrictions which may impact the start date. The intention is to claim 40% of this requirement against the ERDF monies.

Saughton Park

- 4.15 The Council has a requirement to install a CCTV system of 13 cameras at Saughton Park linked to the Central Monitoring Facility (CMF) at the City Chambers, to protect the £8 million refurbishment completed at the Park in 2019.
- 4.16 The project is of a technically specific nature, featuring a futureproofed CCTV system which could be integrated with the upcoming upgrade of Public Realm CCTV and particular certifications required to carry out civils works within the Park.
- 4.17 Preserving the condition of the park, minimising disruption to public use of the park along with safety and security was considered when writing the tender documentation and formed part of the tender responses and subsequent evaluation.
- 4.18 The tender opportunity was posted on Public Contracts Scotland via Quick Quote in January 2020 and supplementary responses from tenderers was requested and received regarding COVID-19 business continuity, following the Government legislation and guidelines in carrying out the work.
- 4.19 It is the intention that the contract will commence in July 2020 subject to any COVID-19 restrictions which may impact the start date.

West End Camera Installation

- 4.20 The Council awarded a contract in March 2020 for the installation of a new camera in the West End at Stafford Street.
- 4.21 The work was deemed essential during COVID-19 is due to be implemented July 2020 pending the permit approvals for civils works by the Trams Authority and Roads.

5. Next Steps

- 5.1 The continued implementation of the project plan and timeline for the upgrade of the Public Realm CCTV, in adherence to the ERDF 8th City Programme.
- 5.2 The contract award and implementation of the Transmission Survey by the successful Provider, to steer the technical specification for the larger upgrade.
- 5.3 The contract award and implementation of the Saughton Park CCTV system installation.
- 5.4 The installation of the new permanent camera in the West End on Stafford Street.
- 5.5 Continued cross-departmental co-ordination towards the development of the Smart City Operations Centre.

6. Financial impact

- 6.1 The successful ERDF bid has increased the external funding towards the Public Realm CCTV upgrade from £356,000 to £712,000. The additional funding bid has been approved by the Managing Authority and the project is due a formal match

funding letter to confirm the secured funds between the programme and the Council.

7. Stakeholder/Community Impact

- 7.1 The project board works closely with a range of internal and external stakeholders in all areas of service delivery and development.
- 7.2 A stakeholder engagement strategy is included in the completed Project Initiation Document which supports the project by outlining the stakeholder engagement aims and objectives, approach, stakeholder list and respective communications channel.
- 7.3 This project will bring a smart, integrated approach to city monitoring and management for Edinburgh. This capability will enable Edinburgh to develop a proactive rather than reactive management response to events and incidents in the city. The new system will be able to streamline workflow so that operators can manage public safety incidents and co-ordinate with key stakeholders such as Police Scotland more efficiently to secure better outcomes for the public.

8. Background reading/external references

- 8.1 Dundee City Council Public Realm CCTV Upgrade
- 8.2 Bristol City Council Smart City Strategy

9. Appendices

- 9.1 None