

ITEM No ...7...

REPORT TO: COMMUNITY SAFETY AND PUBLIC PROTECTION COMMITTEE -
3 JUNE 2019

REPORT ON: TAYSIDE'S NEW CENTRALISED PUBLIC SPACE CAMERA SYSTEM AT
WEST BELL STREET POLICE STATION, DUNDEE

REPORT BY: EXECUTIVE DIRECTOR OF CITY DEVELOPMENT

REPORT NO: 61-2019

1 PURPOSE OF REPORT

This report requests approval from Elected Members for the acceptance of a tender by Tayside Procurement Consortium for the enhancement and centralisation of Tayside's public space camera system at West Bell Street Police Station.

2 RECOMMENDATIONS

- 2.1 To approve the implementation of an upgraded centralised Tayside public space camera system at West Bell Street Police Station, Dundee
- 2.2 To approve the capital spend of £551,247.25 to be included within the capital budget for 2019/20.

3 FINANCIAL IMPLICATIONS

- 3.1 The Executive Director of Corporate Services has confirmed that funding of £551,247 is available from the Capital Budget for the public space camera system upgrade, along with £5,000 from the Change Fund towards the cost of engaging a public space consultant. The public space "smart" technology system upgrade is eligible for 40% ERDF "Smart Cities" funding. Details are available in Appendix 1.
- 3.2 Annual maintenance for the 45 wireless links (37 new links + 8 existing links) is £14,878.60, a small revenue saving on the transfer from leased fibre to wireless will be achieved.
- 3.3 The public space camera system licensing, maintenance and support for the period to 31 December 2020 is inclusive in the above system capital cost of £551,247. These system costs for the year to 31 December 2021 are £10,523 and year to 31 December 2022 £12,219. These costs can be contained within City Development's public space revenue budget.

4 BACKGROUND

- 4.1 Dundee currently has 87 public space cameras, of which 41 are used for traffic management and can be monitored in Dundee House by DCC's Urban Traffic Control (UTC) team during peak times and to control traffic during events and road works. All 87 public space cameras can be monitored 24/7 by Police Scotland camera operators from their West Bell Street control room.
- 4.2 Dundee's Public Space cameras are regarded as an essential policing tool.
- 4.3 DCC funds the public space camera system capital costs, camera replacement, maintenance, repairs and transmission costs. Police Scotland funds the West Bell Street property and 24/7 camera operator costs.
- 4.4 Reference is made to Article III of the Policy & Resources Committee of 13 March 2017 (Report [77-2017](#) refers) in December 2016, 40% grant funding for the "Smart" technology project elements have been awarded from the "Smart City" 8th City ERDF Programme to part fund an upgrade to the Public Space System.
- 4.5 ICAS Ltd were awarded the contract to provide consultancy services to the three Tayside Councils to support the Tayside public space camera project following an ITQ exercise

carried out by Tayside Procurement Consortium (TPC), contract reference TPC/CCTVCONS/17/10.

- 4.6 Rapier Systems were awarded the contract for installation, support and maintenance of the wireless data infrastructure in October 2017, following an OJEU Open Tender joint procurement exercise carried out by Tayside Procurement Consortium (TPC), contract reference TPC/Wireless/17/06. TPC is a shared services initiative for the provision of corporate procurement services amongst Angus, Dundee City and Perth and Kinross Councils in association with the procurement arm of Tayside Contracts.
- 4.7 The new wireless equipment is being purchased via this contract and the ongoing support and maintenance of the equipment will be covered until the end of the contract. The revenue costs for the new wireless connections will be funded by City Development and will result in a marginal saving on the previous fibre costs.
- 4.8 Scottish Communications Group were awarded the contract for the design, supply, installation, support and maintenance of Tayside's centralised public space smart city/town management system at West Bell Street, Dundee in October 2018, following an OJEU restricted tender process as part of a joint procurement exercise carried out by TPC, contract reference TPC/CCTVSYST/17/25.
- 4.9 This 1st phase of the camera and network upgrade will allow the Council to upgrade 54 of the 87 cameras. Police Scotland (Dundee) and DCC Urban Traffic Control (UTC) prioritised the 87 cameras for upgrade, based on replacing cameras which were most used, in high risk areas, and nearing the end their useful life. A phase 2 camera and network upgrade of the remaining 33 lower priority cameras will depend on the Council's final eligible match funding for ERDF which will determine the final balance of "Smart Cities" ERDF support to be received.
- 4.10 All 54 new cameras (per appendix 2) will be IP (internet protocol) cameras with video analytic capability, to enhance city/town management with a view of achieving the common goal of Smart City/Town aspirations. The smart city cameras will have built in video analytics to alert operators in case of unusual scene activity, e.g. loitering, idle/removed object detection, crowd density estimation, people counting etc. The analytics engine can automatically classify objects as upright people, car, bike or truck. Intelligent tracking controls the pan/tilt/zoom actions of the camera to track objects or individuals live and keep them in view.
- 4.11 The target go live for the new system at Police Scotland, West Bell Street and Urban Traffic Control (UTC), floor 5, Dundee House is August 2019. The 54 replacement cameras will be part of a phased upgrade between July to December 2019.

5 POLICY IMPLICATIONS

- 5.1 This report has been subject to an assessment of any impacts on Equality and Diversity, Fairness and Poverty, Environment and Corporate Risk. There are no major issues.

6 CONSULTATIONS

- 6.1 The Council Management Team were consulted in the preparation of this report.

7 BACKGROUND PAPERS

- 7.1 None.

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17 May 2019

| PROJECT/ EXPENDITURE | Community Safety/Public Protection | APPENDIX 1 |
|---|--|------------|
| PROJECT PROJECT INFORMATION | Tayside Centralised Public Space Camera System DCC's additional public space wireless network & portion of new Tayside centralised public space camera system | |
| ESTIMATED START DATES EST COMPLETION DATES | 4 th February 2019 (wireless network) June 2019 (system upgrade) July 2019 (51 cameras being replacement) June (wireless network) August 2019 (System) and 31 st December 2019 (51 camera upgrades) | |
| TOTAL COST | Public Space wireless network - Rapier 114,759.20 Dundee's portion of Tayside's new public space system – Scottish Communications Group 176,641.05 54 new Dundee Cameras - Scottish Communications Group 217,080.00 Public Space Consultant - ICAS Ltd 5,767.00 Allowance – Rapier network survey 5,000.00 Allowance – Network switch and firewall 5,500.00 Allowance – 3 Fibre lines where wireless option not available 25,500.00 Allowance - Direct cabling for 4 cameras x £1,500 <u>6,000.00</u> <div style="text-align: right;">Total <u>£556,247.25</u></div> | |
| FUNDING SOURCE | Capital – Community Safety and Justice - CCTV Project | |
| BUDGET PROVISION & PHASING | 2019/2020 Capital Budget (includes ERDF “Smart Cities” 40% funding) £551,247.25 | |
| ADDITIONAL FUNDING | 2018/2019 Change Fund - public space consultant 5,000.00 <div style="text-align: right;">Total <u>£556,247.25</u></div> | |
| REVENUE IMPLICATIONS | To be contained within public space revenue budget | |
| POLICY IMPLICATIONS | There are no major issues. | |
| QUOTE | Contract Ref TPC/CCTVCONS/17/10 ICAS Ltd £5,767.00 Contract Ref TPC/Wireless/17/06 Rapier Systems £114,759.20 Contract Ref TPC/CCTVSYST/17/25 Scottish Communications Group £393,721.05 | |
| RECOMMENDATION | Acceptance of offers. | |
| ALLOWANCES | As above £42,000.00 | |
| SUB-CONTRACTORS | None | |
| BACKGROUND PAPERS | None | |

DUNDEE'S 87 PUBLIC SPACE CAMERAS AT 20190517 Appendix 2

R = Replacement camera - 54 cameras

N = Not Dundee camera

| No. | CAMERA LOCATION | No. | CAMERA LOCATION |
|-----|-------------------------------------|-----|---|
| 1 | DUDHOPE ROUNDABOUT | 47 | HORSE WYND |
| 2 | R1 DUDHOPE POLEPARK | 48 | R36 MURRYGATE OPP M & S |
| 3 | R2 LADYWELL | 49 | R37 ARBROATH ROAD / ALBERT STREET |
| 4 | VICTORIA RD / MEADOWSIDE | 50 | R38 ALBERT ST / ARTHURSTONE TCE |
| 5 | R3 WELLGATE CENTER FRONT DOORS | 51 | R39 ALBERT ST / PARK AVE |
| 6 | R4 SEAGATE / TRADES LANE | 52 | R40 STOBSEWELL |
| 7 | R5 SEAGATE ROUNDABOUT | 53 | A90 / CLAVERHOUSE |
| 8 | MARKETGATE / EAST DOCK STREET | 54 | R41 A90 / FINTRY DR |
| 9 | R6 WARD ROAD / NORTH LINDSAY STREET | 55 | R42 FINTRY DRIVE / SHOPS |
| 10 | R7 SOUTH WARD RD / LIDL | 56 | R43 FINTRY DR / DOLPHIN PUB |
| 11 | R8 WARD ROAD / BARRACK STREET | 57 | BALUNIE AVENUE AT BALLINDEAN RD |
| 12 | R9 BANK STREET CAR PARK | 58 | BALUNIE DR / BALLINDEAN RD |
| 13 | R10 ALBERT SQUARE | 59 | BALMERINO PLACE |
| 14 | R11 MEADOWSIDE / COMMERCIAL | 60 | BALMORAL TCE / SHOPS |
| 15 | R12 BOOTS / REFORM STREET | 61 | BALCARRES TCE |
| 16 | R13 HIGH STREET / CITY SQUARE | 62 | R44 PERTH ROAD / SOUTH TAY STREET |
| 17 | R14 MURRYGATE / COMMERCIAL STREET | 63 | UNIVERSITY TOWER |
| 18 | R15 SEAGATE COMMERCIAL | 64 | PERTH ROAD / ROSEANGLE |
| 19 | R16 GELLATLY STREET | 65 | MARKETGATE / GREENMARKET |
| 20 | R17 WESTPORT ROUNDABOUT | 66 | GREENMARKET / SENSATIONS |
| 21 | R18 MARKETGATE / NETHERGATE | 67 | GREENMARKET / SEABRAES |
| 22 | R19 UNION STREET | 68 | R45 SOUTH ROAD MULTI |
| 23 | R20 NETHERGATE / WHITEHALL STREET | 69 | ANN ST / NELSON STREET |
| 24 | R21 CRICHTON STREET | 70 | CLAYPOTTS / ARBROATH ROAD |
| 25 | R22 CAIRD HALL | 71 | R46 HILLTOWN / KINGHORNE RD |
| 26 | R23 MALMAISON HOTEL | 72 | R47 STRATHMARTINE RD / HARCOURT ST |
| 27 | R24 CASTLE STREET | 73 | MAIN ST / CALDRUM ST |
| 28 | R25 KIRKTON / BEAULY AVE | 74 | CHARLESTON DR / SPEY DR |
| 29 | R26 AMBLESIDE TCE / BEAULY CRES | 75 | R48 VICTORIA ROAD VICTORIA STREET |
| 30 | R27 ASDA KIRKTON | 76 | R49 GREENDYKES |
| 31 | R28 FORT STREET (BROUGHTY FERRY) | 77 | DICKSON AVE / SHOPS |
| 32 | R29 BROOK STREET / GREY STREET | 78 | BURNSIDE ST / GREY LANE |
| 33 | R30 LOCHEE HIGH ST / MARSHAL STREET | 79 | WHORTERBANK MULTI / LOCHEE |
| 34 | R31 LOCHEE HIGH ST / WOOLWORTHS | 80 | BALGOWAN AVE / POLICE STATION |
| 35 | HAPPYHILLOCK / LONGCROFT ROAD | 81 | BALUNIEFIELD PL |
| 36 | R32 HAPPYHILLOCK / SHOPS | 82 | N PERTH feed (not Dundee camera) |
| 37 | LINFIELD STREET | 83 | N PERTH feed (not Dundee camera) |
| 38 | R33 ANN STREET / HILLTOWN | 84 | N PERTH feed (not Dundee camera) |
| 39 | R34 HILLTOWN / ALEXANDER | 85 | N PERTH feed (not Dundee camera) |
| 40 | R35 HILLTOWN MULTI | 86 | N BELL ST POLICE STATION (not DCC camera) |
| 41 | TURNBERRY AVE / EAST SCOTSCRAIG | 87 | R50 KINGSWAY |
| 42 | CAMPERDOWN ROAD / MCALPINE RD | 88 | R51 SINDERINS |
| 43 | MCALPINE / AMERICANMUIR | 89 | QUEEN ST / BADER COURT |
| 44 | SCOTSCRAIG ROAD / ST FERGUS SCH | 90 | R52 APEX HOTEL |
| 45 | ARDLER PRIMARY SCHOOL | 91 | R53 MYERKIRK 1, KINGSWAY |
| 46 | WHITFIELD DRIVE / LIBRARY | 92 | R54 MYERKIRK 2, KINGSWAY |