

Appendix A – Expression of Interest

RTCC – Highways Intervention Strategy
Expression of Interest Form**Part A – Summary**

Organisation name:

City of Wolverhampton Council

Date submitted:

1/2/21

Project Title

CCTV Upgrade

Project Manager

John Charles

Email address:

John.charles@wolver

Location details of project

City wide – see attached programme

Eastings and Northings

n/a

Roads/Route

Various

Do you have any data/evidence to support the need for this project Yes No**Part B – Overview**

Project description – Please briefly provide an overarching description of your project. The description should summarise the background, aims, objectives, expected outputs and benefits of your project. Please use the Table 1 to provided to capture the specific details around the outputs.

As part of the upgrade of the City CCTV system there is a requirement to migrate from obsolete analogue technology to new digital technology including the hardware and associated communication. The programme outlined below continues the CCTV maintenance programme:

CCTV Camera Asset	Location	KRN	Priority
CCTV013	Black Country Route/B'ham New Rd	Y	1
CCTV014	Bilston Road / Sharrock Street / A41	Y	3
CCTV015	Bilston Road / Chillington St	Y	4
CCTV016	Bilston Rd / Ettingshall Rd	Y	5
CCTV017	Bilston Rd / Monmore Green	Y	6
CCTV018	Bilston St / Wellington Rd	Y	22
CCTV019	Bilston Rd / Prouds lane	Y	21
CCTV025	High Street / Coseley Road, Bilston	Y	7
CCTV029	Albert Road / Paget Road	Y	23

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CCTV048	Stafford Rd / Bushbury Ln	Y	15
CCTV057	Willenhall Road / Plascom Road	Y	18
CCTV058	Willenhall Rd/ Corser Street CP	Y	19
CCTV060	BCR / Oxford Street Bilston	Y	2
CCTV066	Oxley Moor / Stafford Road	Y	8
CCTV067	3 Tuns / Stafford Road	Y	9
CCTV068	The Rock/Lower St / Tettenhall Rd/Henwood Rd	Y	10
CCTV069	Penn Road / Coalway Road	Y	11
CCTV081	Fighting cocks / Goldthorn hill	Y	12
CCTV084	Stafford Road / Nr Polish club	Y	13
CCTV092	Henwood Road / Bridgnorth Road	Y	14

System	System upgrade and RTCC links	n/a	
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OUTPUT	TYPE	UNIT OF MEASURE (i.e linear metres, number delivered etc.)	Output and financial year of validation		
			20/21	21/22	22/23
1	Traffic Signals	No. improved			
2	CCTV	No. of new locations	0	20	0
3	VMS	No. of new locations & traffic volumes			
3	Junctions	Each			
4	Safety	Length of route treated			

Table 1

Strategic objectives

Briefly explain how your project meets the following RTCC business objectives.

Minimising the cumulative impact of infrastructure construction and maintenance on network operation;

Supporting local authorities' management of the West Midlands Key Route Network (KRN) through regional liaison and coordination;

Improving the management of transport networks during major events;

Maintaining and strengthening operational partnerships to support regional network coordination.

Minimising – The technology used enables efficient replacement and expansion of wireless mesh network, in addition to harnessing the benefits from the roll out of the city dark fibre network;

Supporting – the CCTV infrastructure will enable the continued monitoring of the KRN across Wolverhampton, facilitating an effective response to network management and coordination;

Improving – The operation of the CCTV will play a critical role in managing regional and local events occurring on our network, cycle tour events, CWG, Marathon etc.;

Maintaining and strengthening – This system will support the CCTV link between the RTCC and BCUTC and establish / support regional network coordination.

Lifecycle stage

Please confirm which lifecycle stage you are seeking funding for (i.e. design, feasibility, prelim, construction etc.) Briefly summarise the activities that will be funded and the deliverable you expect at the end of this stage.

Design of CCTV upgrade, procurement of new hardware communications, Supervision of associated works including TM and permit requirements, and provide system links to share CCTV images

Part C – Time and Cost – See attached proposed programme

Stage:	Timeline		Financial year spend (£)				
	From:	To:	Pre FY2020	20/21	21/22	20/23	TOTAL
Feasibility	Jan 21	Mar 21		n/a	£	£	£
Detailed design	Apr 21	Aug 21		n/a	£	£	£
Construction	Jun 21	Dec 21		n/a	£	£	£
Closeout	Jan 22	Feb 22		n/a	£	£	£
				n/a	£	£	£

Please send your completed form to:

jake.murgatroyd@tfwm.org.uk and mark.corbin@tfwm.org.uk

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Asset	Location	KRN	Priority	Work Estimates	Fees	TOTAL Estimate	Start	Finish
CCTV013	Black Country Route / Birmingham New Road	Y	1	£14,590.62	£1,167.25	£15,757.87	May 21	Jun 21
CCTV014	Bilston Road / Sharrock Street / A41	Y	3	£8,339.16	£667.13	£9,006.29	Jun 21	Jul 21
CCTV015*	Bilston Road / Chillington St	Y	4	£4,323.43	£432.34	£4,755.77	Oct 21*	Nov 21*
CCTV016*	Bilston Rd / Ettingshall Rd	Y	5	£7,137.61	£713.76	£7,851.37	Oct 21*	Nov 21*
CCTV017*	Bilston Rd / Monmore Green	Y	6	£10,772.81	£1,077.28	£11,850.09	Oct 21*	Nov 21*
CCTV018*	Bilston St / Wellington Rd	Y	22	£6,620.19	£662.02	£7,282.21	Oct 21*	Nov 21*
CCTV019	Bilston Rd / Prouds lane	Y	21	£7,736.70	£618.94	£8,355.64	Jun 21	Jul 21
CCTV025	High Street / Coseley Road, Bilston	Y	7	£13,578.44	£1,086.28	£14,664.72	May 21	Jun 21
CCTV029	Albert Road / Paget Road	Y	23	£10,000.00	£800.00	£10,800.00	May 21	Jun 21
CCTV048*	Stafford Rd / Bushbury Ln	Y	15	£11,382.14	£1,138.21	£12,520.35	Oct 21*	Nov 21*
CCTV057	Willenhall Road / Plascom Road	Y	18	£11,653.36	£932.27	£12,585.63	May 21	Jun 21
CCTV058	Corser Street CP	Y	19	£6,655.12	£532.41	£7,187.53	May 21	Jun 21
CCTV060	BCR / Oxford Street Bilston	Y	2	£8,153.62	£652.29	£8,805.91	May 21	Jun 21
CCTV066*	Oxley Moor / Stafford Road	Y	8	£8,197.63	£819.76	£9,017.39	Oct 21*	Nov 21*
CCTV067*	Three Tuns / Stafford Road	Y	9	£12,290.96	£1,229.10	£13,520.06	Jul 21	Aug 21
CCTV068	The Rock/Lower St / Tettenhall Rd/Henwood Rd	Y	10	£6,956.70	£556.54	£7,513.24	Jul 21	Aug 21
CCTV069	Penn Road / Coalway Road	Y	11	£6,601.19	£528.10	£7,129.29	Jul 21	Aug 21
CCTV081	Fighting cocks / Goldthorn hill	Y	12	£14,767.29	£1,181.38	£15,948.67	Jul 21	Aug 21
CCTV084*	Stafford Road / Car Park Nr Polish club	Y	13	£8,431.41	£843.14	£9,274.55	Oct 21*	Nov 21*
CCTV092*	Henwood Road / Bridgnorth Road	Y	14	£8,382.14	£838.21	£9,220.35	Oct 21*	Nov 21*
				£186,570.52	£16,476.41	£203,046.93		
System**	Supply/ Install hardware and associated config/ link to RTCC extg CCTV system	n/a	n/a	£24,000.00	£4,500.00	£28,500.00	Aug 21	Oct 21
Grand Total				£210,570.52	£20,976.41	£231,546.93		

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Note * The circuits associated with these locations are linked in with Wolverhampton city fibre roll out programme
** Estimated costs based on direct solution to be agreed

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