JOB DESCRIPTION - CITY DEVELOPMENT

IDENTIFICATION

Post Title:	Assistant Engineer	Post Ref.:	275127
Section:	Traffic & Road Safety	Grade:	3 - 9
Responsible to:	Senior Engineer - Traffic & Road Safety		
Responsible for:			

JOB PURPOSE

To operate, maintain, and develop the Urban Traffic Control (UTC) system based at Dundee House. The City Council operates a modern UTC system supported by an extensive CCTV and fibre-optic communications network. The post holder will be responsible for enhancing the integration of advanced traffic management technologies, including bus priority measures and other Intelligent Transport Systems (ITS). The UTC system plays a key role in managing traffic across the city's road network, minimising delays for road users while maintaining high standards of road safety.

PRINCIPAL WORKING CONTACTS

Senior Engineer (Traffic and Road Safety)

Team Leader - Traffic & Road Safety

Head of Sustainable Roads and Transportation

Other Team Members

Other staff of the City Development Department

Other staff of the Council

Staff of external agencies, consultants, partners, Local Authorities and National Government

Elected Members

General public.

MAIN DUTIES

1 Responsibility for the maintenance, use and development of Urban Traffic Control system which resides in Dundee House and controls approximately 50 signal junctions and 90 pedestrian crossings through out the city. Operate CCTV and oversee the maintenance contract.

2 Design organise and manage the delivery of infrastructure works for traffic signals including signalised crossings for the Council and liaise with Transport Scotland for trunks roads regarding operational matters associated with signals associated with Trunk Road junctions.

3 Prepare designs and have the ability to understand, interpret and use traffic signal modelling software such as AutoCad, Linsig and TRANSYT.

4 Urban Traffic Control officers require to be on call as UTC operates 24 hours / 7 days a

week. Outwith normal working days the post holder will be on a rota to cover out of hour On call.

5 Ensure that good professional standards and performance levels are maintained.

6 Ensure that all reasonable steps are taken to engender good staff relations and endeavour to establish a good team spirit and high morale.

7 Ensure the effective dissemination of relevant information to staff.

8 Provide technical and professional advice to the Department, other Council Departments and external agencies as appropriate.

9 Promote the introduction and use of new technology where it will be beneficial as directed.

10 Ensure that customer enquiries and complaints are dealt with in accordance with Council policy.

OTHER DUTIES

This job description is a broad picture of the post at the date of preparation. It is not an exhaustive list of all possible duties, and it is recognised that jobs change and evolve over time. Consequently, this is not a contractual document and the postholder will be required to carry out any other duties to the equivalent level that are necessary to fulfil the purpose of the job.

If you have any queries regarding this vacancy, please contact Ewan Gourlay, Team Leader - Traffic & Road Safety (telephone 01382 433186).

PERSON SPECIFICATION

POST TITLE: Assistant Engineer

DIVISION/DEPARTMENT SECTION: Traffic & Road Safety, Sustainable Transport and Roads Division

	ESSENTIAL REQUIREMENTS	DESIRABLE REQUIREMENTS	METHOD OF ASSESSMENT
PROFESSIONAL/ EDUCATIONAL QUALIFICATIONS	Minimum HNC or equivalent in either civil or electrical engineering or equivalent	BSc or BEng in relevant discipline IENG or working towards professional review, to Engineering Council recognised body	Application
RELEVANT WORK/OTHER EXPERIENCE	Experience in traffic infrastructure design particularly traffic signal installations/ UTC control or equivalent Knowledge of traffic software Working knowledge of Microsoft packages, including Office 365, Teams, Word, Excel	Experience in traffic modelling Experience of UTC control Knowledge of the Yunnex UTC/Stratos software	Application Interview
PARTICULAR SKILLS/ABILITIES	Good communication skills written and oral Knowledge of CCTV systems Knowledge of network Communications	Experience of traffic software such as Linsig, Transyt, AutoCAD	Application Interview
PERSONAL QUALITIES	Ability to work under pressure and as part of a team Ability to learn new technologies		Application Interview
ANY ADDITIONAL JOB RELATED REQUIREMENTS	Ability work on Call 24 hours / 7days a week (on rota) and work on site Current driving licence (Level 3)		