

Appendix 3 – Activity and Scope of the Highways Term Consultant

Introduction

The Consultant will be required to work with the Client, the Term Maintenance Contractor, and other appointed contractors in an Alliance to deliver the best service for the people of Buckinghamshire. They will be required to engage with the Term Maintenance Contractor, and other appointed Contractors throughout to deliver economical solutions without compromising safety and integrity at all times.

Overview

The Term Consultant will be used for the provision of professional services for highways and infrastructure-related projects and services as listed below in the scope and shall undertake the role of Principal Designer under the CDM Regulations 2015.

The Consultant will provide professional technical resources to deliver these services efficiently and effectively and will also be required to assist with the development and delivery of the service to drive continual improvement, value for money and to introduce innovative ways to deliver projects.

Scope

The scope of services includes but is not limited to:

- Feasibility, investigation, planning, design, procurement services and construction supervision for activities including but not limited to:
 - Highways and footways
 - Drainage
 - Bridges and other highway structures
 - Traffic signs and road markings and street furniture
 - Intelligent transport systems
 - Street lighting and other illuminated street furniture
 - Landscape architecture
 - Urban design and town/village centre enhancements
 - Flood risk management

- Asset management and monitoring for activities including but not limited to:
 - Highways and footways
 - Bridges and other highway structures
 - Intelligent Transport System
 - Street Lighting and other illuminated street furniture
- Exercising delegated powers in supervising the works of other contractors employed by the Client
- Advice on Policies, Strategies and Plans
- Support for the commissioning and management of condition surveys from third parties
- Carrying out data analysis, asset deterioration modelling, pavement analysis

- Advice on materials use and selection
- Advice on the development and implementation of systems and technology
- Developing asset investment strategies and programmes of work for Client review
- Promote and undertake proactive communications to both internal and external stakeholders to advise of, as well as advertise, proposed works and completion of works.
- Project management
- Road safety audits
- Environmental, conservation and archaeological studies
- Traffic modelling
- Maintain Buckinghamshire Council's Strategic Model/traffic modelling
- Contract preparation and management
- Bridge assessment including inspections of highway structures
- Development planning
- Environmental, ecological and conservation studies and reports
- Flooding investigations
- Accident investigation and prevention studies and design
- Transportation studies and traffic impact assessments
- Transport modelling
- Quantity surveying and cost management
- Traffic data collection
- Urban design
- Topographical surveying
- Checking third party S278 and S38 designs
- Stakeholder consultation
- Acting on behalf of the Council and giving evidence at Public Inquiries
- Preparation of funding bids and business cases for schemes
- Design of highway works associated with waste management
- Landscape design and arboriculture management
- Providing specialist advice on digital technology
- Ground investigation and geotechnical design
- Pavement investigation/coring and analysis
- Providing specialist advice on rail planning associated with highways schemes
- Pavement condition survey, interpretation of results and providing solutions to increase the service life of existing highways.
- Preparation of bids for financial grants from Government bodies and private sector
- Provision of advice relating to Health and Safety
- Act as Principal Designer under CDM Regulations
- Assist with preparing scheme briefs
- Preparation and submission of 'As built' drawings
- Provide support to other services delivered by the Council as appropriate