

## **SCHEDULE 1**

### **THE SERVICES**

## **SCHEDULE 1 - THE SERVICES**

### **Scope of the Services for the South West & Mid Wales Regional Engineering Consultancy Framework**

**All civil, structural and highway engineering services, including but not limited to the following:**

#### **Engineering Design**

- Bridge & Culvert design
- Design of Earth retaining Structures
- Structural Inspection, Assessment and Repair
- Contract Preparation
- Project Management and Administration
- Highway Management and Maintenance
- Highway Design
- Specialist Highway Inspection
- Dangerous structures inspections and recommendations
- Highway Planning
- Environmental & Ecological Assessments
- Feasibility and Cost Studies
- Detailed Design
- Design Checks
- Street Lighting
- Soft and Hard Urban landscaping
- Management Planning
- Asset Management
- Geotechnical Engineering/Geotechnical surveys/Ground investigation
- Construction Design and Management Regulations (CDM)
- Environmental Improvements
- Land/foul water drainage
- Coastal Protection
- Flood Alleviation Studies and associated design
- General Infrastructure design
- Property related structural advice / design
- Technical Audit
- Topographic Surveys

## **Traffic and Transportation**

- Accident Investigation and prevention
- Traffic management
- Public transport and traffic modelling
- Traffic management schemes
- Traffic impact assessments
- Traffic surveys and studies
- Cost benefit and economic assessment
- Traffic signal design and implementation
- Traffic implications of planned developments
- Strategy and policy advice

## **Statutory Procedures & Safety**

- Expert advice and support for public inquiries, exhibitions and consultations
- Preparation of legal orders / statutory procedures
- Road Safety Audits
- Principal Designer Duties

## **Site Supervision and Quantity Surveying**

- NEC Project Management & Supervision of Construction Works
- Site investigation and appraisal
- Construction advice
- Measurement of the works
- Interim Valuations and Financial Control
- Claims/compensation events assessments
- Dispute resolution
- Final Account Agreement
- Arbitration, Adjudication and Litigation
- Defined Cost Auditing & Cost Reporting

**The above list is indicative only to provide an in-depth view into the diversity of professional services that could be required within the term of the South West & Mid Wales Regional Engineering Consultancy Framework.**

The range of services procured through the Contract may be developed and expanded in consultation with the successful tenderers to suit particular areas of expertise available from both parties to the contract.

The amount of work to be offered over the duration of the contract cannot be determined at this stage.

There is no contractual obligation on the Employer to award a pre-determined value of works under this contract.

The Scope of the services will be defined in the Services Brief. The Consultant will be required to perform services such as Principal Designer, Designer, Design Leader, Lead Consultant, Project Manager (under the NEC3) during the pre-construction and construction Work Stages as well as site supervisory functions. Where the Employer deems it appropriate reference will be made to the **Schedule of Services – Part G(d)** within the **ACE Agreement ACE Agreement 1 (2009) – Revised October 2011**. Typical Services and stages that could be used are listed below. This list is not exhaustive and is only provided to give an indication of the work stages.

Feasibility	G2.1	Appraisal
	G2.2	Strategic Briefing
	G2.3	Outline Proposals
Pre Construction	G2.4	Detailed Proposals
	G2.5	Final Proposals
	G2.6	Production Information
	G2.7	Tender Documentation and Tender Action
Construction	G2.8	Mobilisation, Construction and Completion
General	G3	Other Services by the Consultant e.g. Safety Auditors, duties of Principal Designers
	G4	Other Services by Others

## **Novation of Consultant**

1. Where the Consultant is to be novated to the Contractor, then the Consultant shall review the scope and interpretation of these services with the pricing Contractors to ascertain any additional services that may be required.
2. The Contractor will remain solely responsible for reimbursing all post-novation fees to the Consultant after novation. The Consultant should satisfy itself that additional services have been allowed within the Contractors price or otherwise advise the Employer prior to the Building Contract being completed.
3. The Consultant will be required to provide services to satisfy the Employers Requirements contained within the Building Contract. The Consultant should note that such obligations appertaining to these services are derived from and in the main are the Consultants own Documents such as the development specification and drawings already produced by the Consultant for the Employer.
4. The Consultant will be required to reasonably agree information required schedules with the Contractor and dates and timescales to be adhered to.
5. The Consultant shall liaise with the Contractor to determine the scope of work to be sublet to specialist sub-contractors and provide the Contractor with such technical information as may reasonably be required to seek firm quotations for such work.