**Appendix A - Concrete Roads Framework IfT Quality Questions**

**Design Questions**

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| **Ref** | **Question** | **Aspects to be included in your response:** | **Weighting** |
| A1 | Resources:How will your overall management and resourcing of the concrete roads design framework deliver the contract objectives and design needs of the schemes? | * A schedule of key people inclusive of the following roles as a minimum;
* Programme Delivery Manager,
* Concrete Specialist,
* Principal Designer,
* Pavement Engineer,
* Commercial Manager, and
* Health and Safety Manager

with named CVs of the proposed key people for each design discipline and the locations where they will be based. Each CV and role profile is limited to 1 sheet of A4 paper (2 sides) and is not included in the page limit identified in 4.2.2.* The key people need to have the skills and experience identified in the Quotation Information.
* An organisation chart.
* Your approach to developing skills and expertise in concrete roads, and integration with delivery partners.
* Details of the systems you intend to utilise to support delivery of the proposed approach.
* Your arrangement with the Subcontractor, including any back to back agreements; should your approach rely on outsourcing any particular services.
* The key activities that you envisage being delivered offshore, if applicable.
* The response is to be supported by one SMART quality promise for each year of the framework.
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| A2 | Delivery & Customer:How will you undertake the design of schemes? | * Your approach to ensuring quality designs, delivered on programme and compliant with Highways England’s standards, applying the principles of good design (GG 103, 5.1)
* How your designs will support ongoing management of SRN and future maintenance activities - enabling safe and cost-effective maintenance.
* Describe improvements you will bring to bear over the course of the contract that will improve the efficiency of the design process.
* How you will identify the needs of the customer and integrate those into designs and delivery solutions.
* How you proactively measure, monitor, manage and audit performance to ensure contract compliance.
* The response is to be supported by one SMART quality promise for each year of the framework.
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| A3 | Collaboration:How will you collaborate with Highways England or other partners working on the concrete roads frameworks to support the delivery lifecycle from Early Contractor Involvement to the construction phase of schemes? | * How you will build, maintain and embed collaborative working arrangements with partners working on the concrete roads frameworks.
* Describe how you will bring visibility to the progress of work and maintain a common purpose to timely and quality delivery of the end product.
* Your approach to facilitating ideas, techniques and technology, brought through yourselves, Highways England or other partners working on the concrete roads frameworks to support raising the bar on efficiency, quality or legacy benefits.
* How you will integrate your people and those of your supply chain with Highways England and other suppliers working on the concrete roads frameworks to build capability.
* Provision of capable resources enabling production of scheme H&S files and as-built drawings to contract requirements.
* The response is to be supported by one SMART quality promise for each year of the framework.
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| A4 | Commercial:How will you deliver the commercial management of the service? | * Describe your management of Work Orders and contract provisions.
* Your mechanisms to ensure cost control, visibility of costs to the client and accurate forecasting, to minimise variances between out-turn cost and Work Order estimate.
* How interface costs will be controlled.
* Provision of early warnings and mitigating the need for Compensation Events through effective and efficient design, and the sharing of efficiencies.
* Provision of information in a timely manner to enable payment to be made.
* How whole life cost solutions for Highways England and our customers are considered and implemented.
* The response is to be supported by one SMART quality promise for each year of the framework.
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| A5 | Environment:Describe how you will protect and enhance the environment? | * Describe how you will you seek to reduce the impact of schemes on the surrounding community, road network and infrastructure.
* How carbon outputs will be reduced.
* How materials will be recycled, or recycled materials utilised.
* How you will benefit an environmental legacy – for example but not limited to, improve air quality and reduce noise.
* The response is to be supported by one SMART quality promise for each year of the framework.
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| A6 | Safety:How will you identify and fully reduce health and safety risks associated with delivery? | * Describe how you will baseline and ensure continual improvement in health and safety over the course of the contract.
* Provision of technology to improve health and safety.
* How you will support the continuing improvement and maturity of health and safety activities and behaviours of your staff, supply chain, Highways England and other suppliers working on the concrete roads frameworks.
* Arrangements for risk mitigation and management from identification to project completion.
* Describe health and safety mechanisms you have in place to identify near misses, the causes of accidents and use this information to inform your designs.
* How you will promote collaboration in order to recognise health and safety best practice and innovation.
* The response is to be supported by one SMART quality promise for each year of the framework.
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