

C1 -Transport Architecture

The scope of this lot includes the design of new buildings, extensions to existing buildings and remodelling or refurbishment of existing buildings.

The framework applies to all stages of the project lifecycle from Outcome Definition to Handover and suppliers should demonstrate their capabilities within each stage.

Transport Building types include:

- London Underground Stations
- National Rail Stations (London Overground)
- Light Railway Stations (DLR)
- Tram Stops
- Bus Stations
- Coach Stations
- Pier Buildings
- Transport Interchanges

Work let under this lot is not likely to be whole stations or major line upgrades, which would fall under the Major Projects route. Instead works would include medium scale projects, such as remodelling or refurbishment works, step free access, etc.

The supplier shall demonstrate knowledge and understanding of the requirements of designing within the transport system environment and the TfL railway environment.

Suppliers selected to work on rail projects will need to provide evidence of understanding of the TfL Rail environment. Where a supplier has experience of one building type but not the other this should be indicated clearly in their return.

Bidders should provide evidence of the above in their return. Recent, relevant projects of appropriate scale are preferred, ideally across a variety of RIBA workstages.

Many TfL buildings have heritage features or are statutorily listed. Suppliers will benefit from demonstrating expertise in this area.

Suppliers must demonstrate in their return how they comply with Section 20 of the Architects Act 1997, and how their design review process enable compliance with Section 20 (3).

Suppliers should demonstrate an understanding of the relevant CDM and Health & Safety legislation associated with the design of Transport Architecture.

Where a supplier has evidence of innovative, national or international experience of Transport Architecture the supplier is encouraged to explain in their return how the knowledge and experience gained would add value to TfL.

Response

In no more than 1500 words contained in a maximum of 4 sides of A4 (pictures, diagrams etc. may be included in the sides of A4 limit) describe your company's capability to provide architectural services in in the framework lot described above.

C2 – Non Transport Architecture

The framework applies to all stages of the project lifecycle from Outcome Definition to Handover and suppliers should demonstrate their capabilities within each stage.

Buildings under the section 'non-station architecture' include:

Office and Staff Support buildings – eg train crew accommodation, bus driver facilities

Staffed Operations buildings – eg control centres, surface transport ticket kiosks

Un-staffed Operations buildings – signal equipment rooms

Maintenance buildings – eg depot train sheds

Storage buildings

Although many of these buildings are used by the travelling public they are often critical to the operation of the transport network, in a prominent location or complex site.

The supplier shall demonstrate knowledge and understanding of the requirements of designing a variety of different buildings with varying constraints.

Bidders should provide evidence of the above in their return. Recent, relevant projects of appropriate scale are preferred, ideally across a variety of RIBA workstages. Bidders are encouraged to use their return to demonstrate their flexibility, design flare, as well as ability to design to a variety of levels of scale and budget in different contexts.

Many TfL buildings have heritage features or are statutorily listed. If suppliers have relevant expertise in this area they are encouraged to provide evidence in their return.

Suppliers must demonstrate in their return how they comply with Section 20 of the Architects Act 1997, and how their design review process enable compliance with Section 20 (3).

Suppliers should demonstrate an understanding of the relevant CDM and Health & Safety legislation associated with the design of buildings.

Where a supplier has evidence of innovative, national or international experience in relation to the above the supplier is encouraged to explain in their return how the knowledge and experience gained would add value to TfL.

Response

In no more than 1500 words contained in a maximum of 4 sides of A4 (pictures, diagrams etc. may be included in the sides of A4 limit) describe your company's capability to provide architectural services in in the framework lot described above.

C3 – Commercial Architecture Support

Architectural Commercial Support include initial advice for business cases and feasibility studies, through concept and detailed design stages to full construction and handover.

The framework applies to all stages of the project lifecycle from Outcome Definition to Handover and suppliers should demonstrate their capabilities within each stage.

The supplier shall demonstrate their ability provide technical and professional support for architectural projects across a range of scales. Projects are most likely to include retail, office, residential and mixed use schemes but may include other typologies.

Services may be procured across one or all of the RIBA stages (or equivalent), including concept design, feasibility, detailed design, construction information and monitoring. Works may be new build or refurbishment.

The services also capture the provision of design guidance and parameters relating to architecture and the built environment and advice on Over Station Developments (OSD).

The Bidder will be expected to supply a wide range of advice, studies, surveys, reports, design and supervision services which will in turn rely and depend on skill, competence and capabilities including but not limited to the following areas:

- *Urban Strategies and Area Plans*
- *Architecture*
- *Site Masterplanning and Development Feasibility*
- *Design Advice and Design Management*
- *Interior Design and Space Planning including core sizing*
- *Modelling and Visualisation*

The supplier shall demonstrate knowledge and understanding of the requirements of designing a variety of different buildings with varying constraints.

Bidders should provide evidence of the above in their return. Recent, relevant projects of appropriate scale are preferred, ideally across a variety of RIBA workstages. Bidders are encouraged to use their return to demonstrate their flexibility, design flare, as well as ability to design to a variety of levels of scale and budget in different contexts.

Many TfL buildings have heritage features or are statutorily listed. If suppliers have relevant expertise in this area they are encouraged to provide evidence in their return.

Suppliers must demonstrate in their return how they comply with Section 20 of the Architects Act 1997, and how their design review process enable compliance with Section 20 (3).

Suppliers should demonstrate an understanding of the relevant CDM and Health & Safety legislation associated with the design of buildings. Where suppliers have experience of designing over station developments or complex buildings near to transport infrastructure they are encouraged to include evidence or examples of this in their return.

Where a supplier has evidence of innovative, national or international experience in the design of Over Station Developments the supplier is encouraged to explain in their return how the knowledge and experience gained would add value to TfL.

C4 - Urban Design

Urban design involves the design, and advice on the design of new public realm, streetscape, public space and landscape architecture. Many of TfL's projects involve or include changes to or new the creation of new areas of public realm, which in turn provide the setting for new, renewed or upgraded transport infrastructure.

The framework applies to all stages of the project lifecycle from Outcome Definition to Handover and suppliers should demonstrate their capabilities within each stage.

Work under this lot would include;

- New public squares and plazas of small scale
- Refurbishment or renewal of Station forecourts or similar
- Landscape Architecture design associated with new station or ancillary buildings
- Streetscape improvements associated with renewal, refurbishment, replacement or construction of new Built Environment assets
- Detail design based on concept stage of urban design / landscape proposals to include 3D topographic / levels design, ensure compliance with legislation and national standards.

The supplier shall demonstrate knowledge and understanding of the requirements of designing urban design schemes within a TfL environment.

Bidders should provide evidence of relevant projects of appropriate scale, recent examples are preferred, ideally across a variety of RIBA (or equivalent) workstages.

Many TfL buildings have heritage features or are statutorily listed. Suppliers with experience working within conservation areas, or near to or on heritage assets are encouraged to demonstrate expertise in this area.

Suppliers should demonstrate their competency to undertake urban design work, and their design assurance and management processes to ensure that all work is conducted or supervised by competent professionals, eg RIBA, RTPI, CMLI.

Suppliers should demonstrate an understanding of the relevant CDM and Health & Safety legislation associated with the Urban Design and Landscape Architecture work.

Where a supplier has evidence of innovative, national or international experience of Urban Design the supplier is encouraged to explain in their return how the knowledge and experience gained would add value to TfL.

Response

In no more than 1500 words contained in a maximum of 4 sides of A4 (pictures, diagrams etc. may be included in the sides of A4 limit) describe

your company's capability to provide architectural services in in the framework
lot described above.

C5 – Structural Engineering – Architectural Design

To support the design of Architectural projects this lot seeks specialist structural engineering and design expertise associated with the following;

- Station Canopies
- Bridges, cantilevered walkways and cycleways
- Visual Concrete
- Architecturally designed retaining structures
- Complex internal structural adjustments
- Complex, lightweight or specialist building structural design

Where a supplier has experience of one of the above areas but not the others this should be indicated clearly in their return.

The framework applies to all stages of the project lifecycle from Outcome Definition to Handover and suppliers should demonstrate their capabilities within each stage.

The supplier shall demonstrate knowledge and understanding of the requirements of designing a variety of different buildings with varying constraints.

Bidders should provide evidence of the above in their return. Recent, relevant projects of appropriate scale are preferred, ideally across a variety of RIBA (or equivalent) workstages. Bidders are encouraged to use their return to demonstrate their flexibility, design flare, as well as ability to design to a variety of levels of scale and budget in different contexts.

Many TfL structures and buildings have heritage features or are statutorily listed. If suppliers have relevant expertise in this area they are encouraged to provide evidence in their return.

Suppliers must demonstrate in their return their professional competence in the areas they are seeking to provide service under. Eg CEng from the ICE, IStructE or an equivalent Chartered Engineering Institution, together with explanation and evidence of their design and assurance process to ensure that all work is conducted or supervised by competent professionals.

Suppliers should demonstrate an understanding of the relevant CDM and Health & Safety legislation associated with the design of structures and buildings.

Where a supplier has evidence of innovative, national or international experience in relation to the above the supplier is encouraged to explain in their return how the knowledge and experience gained would add value to TfL.