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Planning

Design and Supply of Fibre Reinforced Polymer (FRP) Bridges and Decking Systems

Forestry Commission

UK2: Preliminary market engagement notice - Procurement Act 2023 - [view information about notice types](#)

Notice identifier: 2025/S 000-060843

Procurement identifier (OCID): ocds-h6vhtk-05a4cb

Published 30 September 2025, 12:12pm

Scope

Reference

FCCN004272

Description

Design and supply of Fibre Reinforced Polymer (FRP) Bridges - Roadbridges suitable for 44Tonnes Highways Loading plus supply and design of footbridges, cycleways, bridleways and bridge decking solutions suitable for highways loading (up to 44 Tonnes).

The manufacturing process should use the resin infusion technique with a mould. This allows arrangement of fibres at different orientations to ensure maximum performance and if required fibre and resin types can be altered to suit a particular application. Foam core should also be used between the top mat and bottom mat for structural efficiency.

Ideally constructed using a proven monolithic FRP system (e.g. InfraCore or equivalent) with vacuum infusion method. This type of construction has a low maintenance requirement and subsequently features a long design life.

Elements of the bridge structures will have an expected design life of:

- Deck - 100+ years
- Surfacing 10+ years
- Parapets 30+ years
- UV protection 60+ years

Also be able to design such bridges and provide outline proposals and detailed costings. Most structures we require will need bespoke designs.

Typical projects expected to range between £50k-£250k per bridge, depending on size and specification

Be able to manufacture and supply a bridge within a short timeframe up to 3 months.

Commercial tool

Establishes a framework

Total value (estimated)

- £0 including VAT

Below the relevant threshold

Contract dates (estimated)

- 1 November 2025 to 31 October 2029
- 4 years

Main procurement category

Works

CPV classifications

- 45221100 - Construction work for bridges

Contract locations

- UKK - South West (England)
- UKJ - South East (England)
- UKH - East of England
- UKG - West Midlands (England)
- UKF - East Midlands (England)
- UKE - Yorkshire and the Humber
- UKD - North West (England)
- UKC - North East (England)

Engagement

Engagement deadline

15 October 2025

Engagement process description

We are looking for suppliers that have the expertise to design, manufacture and supply FRP bridges. Due to site constraints the bridge deck must be of light weight construction

to enable its installation without the use of cranes.

Suppliers should express interest by emailing Claire Hodges at commercial.services@forestryengland.uk

Interested suppliers are invited to provide information on their capability, relevant experience, and indicative lead times.

Participation

Particular suitability

Small and medium-sized enterprises (SME)

Contracting authority

Forestry Commission

- Public Procurement Organisation Number: PLRM-7846-HGLG

620 Bristol Business Park

Bristol

BS16 1EJ

United Kingdom

Email: commercial.services@forestryengland.uk

Region: UKK12 - Bath and North East Somerset, North Somerset and South Gloucestershire

Organisation type: Public authority - sub-central government