

Description

On behalf of SMP Alliance working with National Highways (Costain Ltd, Balfour Beatty Civil Engineering Ltd, BMJV, Fluor Ltd, Jacobs, WSP Ltd) we are seeking expressions of interest to provide support to Business Case 3 – Digitally Enabled Production within the SMP Alliance Business Realisation Plan (BRP). Business Case 3 will allow the Alliance to harness connected technologies and data driven ways of working to enhance efficiencies and safety.

The BRP is split into 22 separate business cases, and the purpose of this notice is to seek applications for subject matter experts (SMEs) from the supply chain to work alongside members of the Alliance in developing the approach to, and delivery of, the overall strategy and next stage delivery planning for all initiatives. The SMEs will form part of the next sprint team and be integrated into the SMP Alliance.

Scope

The requirement will be for 5 months support (November '21 to March '22) as part of Sprint 2 to consider initiatives under the following areas:

- Connected Materials solution
- Connected Plant
- Connected Vehicles Preparation
- Connected worker incl. remote engineering assistance and augmented reality
- Digital Rehearsals
- Digital Twin

Role Requirements

The candidates will sit within a team continuing the development of a strategy and plans for the deployment of initiatives including connected solutions, digital twins, and digital rehearsals.

Role 1 - BRP Digital Enabled Production Connected Solutions

The successful candidate will be able to demonstrate the following:

- Strategy development and vision of the future with a boundaryless approach
- Subject Matter Expert in Connected solutions, for example, plant, materials, vehicles, and worker equipment
- Understanding of the IoT, the importance of data and the link between systems and delivery
- Understanding of developments in this area outside of Highway sector

Role 2 - BRP Digital Enabled Production Digital Solutions

The successful candidate will be able to demonstrate the following:

- Strategy development and vision of the future with a boundaryless approach
- Subject Matter Expert in development of digital rehearsals and/or digital twins in industry. There is a desire for this to include an understanding of delivery outside of Highway construction, but this is not essential

- Experience in stakeholder management and future operation management
- Understanding of Design for Manufacture and Assembly and Off-site Assembly
- Understanding of Lean Principles
- Understanding of the IoT, the importance of data and the link between systems and delivery

Additional information to be provided by supplier

As part of the submission the following questions should be answered in no more than 500 words each:

Question 1: Outline how you would approach the development and delivery of a digital/connected initiative for a large organisation and provide any relevant evidence?

Question 2: What do you think are the most significant risks and opportunities to delivering digital transformation within an organisation or industry and how would you overcome/realise these?

This notice will remain live for a two-week period (note the closing date attached) at which time registration will close. The SMP Alliance reserves the right to provide future opportunity for further registration via ContractsFinder.

The SMP Alliance reserves the right (at its sole discretion) to invite some/all pre-qualified to submit quotations for works.

Minimum Standards

As part of this tender exercise, it is a requirement for the Supplier to evidence alignment to the Common Assessment Standard (CAS) above the PAS91:2013 + A1: 2017 standard.

This can be achieved via a valid and in date membership with the following assessment bodies; Constructionline (Gold and Platinum Membership), Achilles (Building Confidence Membership), CHAS (Premier Membership) and Builders Profile (upgrade to Constructionline Gold).

Please provide policies / plans for the following:

- Modern Slavery
- Corporate Social Responsibility
- EDI
- Data protection policy
- Drugs and alcohol policy
- Employee wellbeing and mental health

- Confirmation that you will provide resource on a PAYE basis

- Please provide two references for your services including value, project description and dates of service provided.

To register interest please respond to the requirements set out in this notice and email to Debbie.Wright@jacobs.com