



**THE BIG  
BRIDGE**

# THE BIG BRIDGE

## Information Pack

[hello@thebigbridge.co.uk](mailto:hello@thebigbridge.co.uk)

[www.thebigbridge.co.uk](http://www.thebigbridge.co.uk)

## The Problem



**70%**

Of parents feel their kids aren't learning the practical side of subjects in their education



**173,000**

Current vacancies in the UK Engineering Sector



**50%**

Engineering businesses currently experiencing difficulties recruiting Engineers



**15%**

Less than 15% of all UK Engineers are female





## The Solution



### 13m long x 3m high Cable stayed bridge kit

The Big Bridge will improve STEM education in Northern Ireland by providing hands-on, real-world experiences that captivate student's imaginations.

By inspiring a new generation of Engineers; we aim to close the skills gap for construction and Engineering in Northern Ireland by inspiring the next generation into STEM subjects whilst promoting diversity and inclusion



## Inspiring the Next Generation

Recognising the difficulty of taking students to real construction sites, The Big Bridge is designed to bring the construction site experience to schools.

## Building Together

Students work collaboratively, gaining insight into the diverse roles that contribute to a successful project, including health and safety, environmental considerations, planning and a range of engineering disciplines. This hands-on approach fosters enthusiasm, patience, resilience and teamwork.

## Igniting a Passion for Engineering

The Big Bridge will get students excited about Engineering at a young age and inspire them to pursue STEM subjects. It seeks to address the current skills shortage in the construction industry by encouraging young talent to consider careers in construction and appreciate the role of Engineers in building the world around us.

## Diversity and Inclusion

The programme is committed to engaging students who may not traditionally see themselves in the construction industry. This includes females, ethnic minorities and individuals from less economically advantaged backgrounds.





# Opportunity



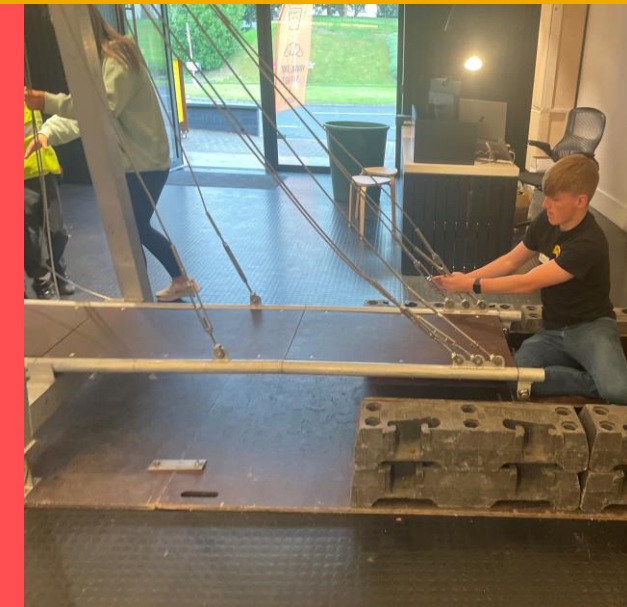
## Social Value

Demonstrate commitment to education and social value by sharing annual impact figures and feedback for the whole scheme.



## Upskill Staff

Receive exclusive access to volunteer; employees help shape young minds, fostering a sense of pride, improving organisation, public speaking skills and confidence.



## Personal Hire

Book The Big Bridge for your own events. Receive training and resources to deliver a successful session.



## Brand Visibility

Network with businesses, foster partnerships and collaborations. Your logo on website and promotional materials. Positive publicity and great reputation as a socially responsible company.



## Encourage Future Engineers

Students will be encouraged into studying STEM subjects to lessen the industry skills shortage and create a future recruitment pool.

## Enterprise Model



**2000+**

We aim to directly engage with over 2000 students in our first year



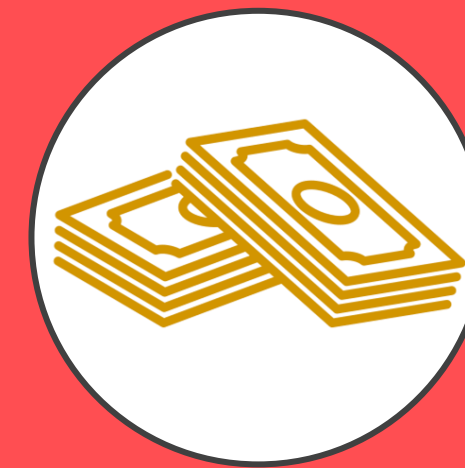
**Partnership**

The Big Bridge is operated as a social value partnership between Design ID and Farrans Construction. Both of whom are investing significant time and resources to make it a success. We aim to work with Patrons to deliver the scheme.



**Free**

To unlock the full potential and ensure maximum reach of the scheme we aim to provide it free of charge to schools and community groups.



**~£35,000**

Start up costs for year one. We aim to bring together the NI Construction industry to back the scheme sustainably. With fully transparent accounting you can be sure your funds are supporting a great cause



## Our Team



**Amy Dillon**  
**Project Director**

Principal Engineer at Design ID. Amy is a Chartered Civil Engineer and Team Leader in the Civil and Infrastructure Department. Amy has over 12 year's experience in social outreach; organising hundreds of events and initiatives, including coordinating ICE NE's Bridges to Schools Programme, creating the award winning Zombie Apocalypse Workshop and helping create ICE's flagship CityZen game.



**Clara Burns**  
**Project Director**

Clara has over 15 years' experience in community outreach in the construction industry. A mum of three; Clara has a passion for working with young people and bringing people together to make a difference. Clara has been involved in the development of partnerships between private business and the voluntary sector. She has engaged with 1000's of young people delivering STEAM activities.



**Simon Lamont**  
**Project Sponsor**

A Fellow of ICE and Director of Civil Engineering at Design ID. Simon has been operating as a Project Manager, Lead Engineer and Technical Specialist within the Civil Infrastructure Engineering Sector, with particular experience over 17 years in Bridges, Roads, Railways, Public Realm, Geotechnics, Temporary Works and Marine Engineering.



**Heather Thornton**  
**Project Management**

Bid Support Manager at Design ID. Heather's key roles are identifying and sourcing new opportunities, and managing the bid process. She also works in the marketing department and has a keen interest in working with young people to inspire the next generation.





## Become a Patron

For a £2500 annual fee, you will become an official supporter of the scheme. This will provide priority access for bookings and allows us to provide free access to schools.

### What Do You Get?

- **Outreach:** Host bridge building sessions and connect with students
- **Enhanced Brand Visibility:** Feature on our website, promotional materials and annual report
- **Social Value:** Be part of a positive educational initiative, show your commitment to education and report on the total outreach figures of the scheme per year
- **Networking:** Collaborate with like-minded businesses and individuals for valuable partnerships
- **Volunteer Opportunities:** Access events for your staff to improve their skills and add CPD

Your support will allow the scheme to be sustainable and will help cover the costs for operation, maintenance and delivery for free to local schools. We can't do it without you!

## One Off Booking

£1500 per request, subject to terms and conditions.

Ideal for unique events and casual customers.

We have a range of cost options depending on your needs and the length of time you need Big Bridge Staff for.

**Additional Packages Available**  
Do you need something a little different to that detailed?  
We can tailor options to suit your needs.





**Booking is a breeze!**

## What Is Included in your package?

### For Patrons

1. The Patron fee is £2500 (excluding VAT) per annum.
2. Priority booking for one event (maximum 5 days) including delivery, unloading, set up, reloading and three experienced Big Bridge staff for up to three hours to train your session leaders and lead sessions.
3. Priority booking for additional events (maximum 5 days), will be subject to cost only charges, depending on requirements for delivery and Big Bridge staff.
4. Health and safety inspection prior to set up to ensure the kit is ready to go. Risk assessments for students and leaders.
5. Public Liability Insurance covering the kit.
6. Gloves and high visibility vests for students.
7. Lesson plans and crystal-clear instructions for running sessions. Sessions are suitable for up to 20 Primary School age (recommended) students and last 90 minutes.
8. An engaging introductory presentation and digital certificate of participation for students.
9. Valuable links to external resources for deeper learning for schools, students and parents.
10. Press release for your company and schools.
11. Full access to our reporting figures and an Annual Report summarising social value outreach for reporting on your KPI and target figures.
12. Opportunity for your staff to volunteer at Big Bridge events for CPD, volunteering days and enjoyment!

### You Provide

1. An indoor space – minimum 16m long and 5m wide for assembly
2. Adequate trailer parking close to erection area



One off hire costs can be reduced depending on the duration of time you require Big Bridge staff for. Flexibility subject to conditions is possible – please get in touch!

## What Is Included in your package?

### One Off Hire

1. The one off hire fee is £1500 (excluding VAT) for hire for a maximum 5 of days. Delivery to a location within Northern Ireland.
2. Hire includes delivery, unloading, set up, reloading and three experienced Big Bridge staff for up to three hours to train your session leaders and lead sessions.
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4. Public Liability Insurance covering the kit.
5. Gloves and high visibility vests for students.
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We hope you will join us in making this exciting initiative a reality for many years to come!

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