## Capturing and delivering client needs, on time on budget every time

# Modern Methods of Procurement <br> Professor Stuart Green, The University of Reading 

Compliance, Collaboration and a focus on getting it right first time Cliff Smith, Executive Director, Get it Right Initiative

Delivering Change through procurement and culture Alison Nicholl, Head of Constructing Excellence


# Professor Stuart Green <br> The University of Reading 

## Modern Methods of <br> Procurement



## 怎 University of Reading

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AMA Research $\left.\right|_{\text {Barbour ABI }} ^{\text {prot }}$

## Procurement in the finishes, fit-out and interiors sector

An exclusive data driven report exploring procurement practices
Researched and written by Professor Stuart Green
BSc MSc PhD CEng MICE FCIOB FRICS, University of Reading

## Overview

- FIS contracted the University of Reading, working in association with AMA Research, to undertake a survey of procurement practices in the UK fit-out sector.
- Questionnaire survey conducted online during July and August 2022.
- 269 responses with a $100 \%$ quality rating on results.
- Quantitative data supplemented with 20 in-depth interviews with selected practitioners.


## What we know already

- Improving the procurement process will play a large part in setting the tone for the construction project. This is where the drive for quality must start (Hackett Report, 2018).
- There is a need to integrate and clarify design responsibilities irrespective of the chosen procurement route (Latham, 1994).
- Standardised contract terms can simplify and speed up procurement processes and improve transparency of expectations (Construction Playbook, 2022).
- Equitable financial arrangements and certainty of payment are crucial to successful project delivery (Industrial Strategy, 2013)


## Part 1: Respondent profile



## Primary role of respondents

How would you describe the primary role of your organisation?


## Geographic sphere of operation

Where does your organisation operate?


FINISHES \& INTERIORS SECTOR

## Size of main fit-out contractors by annual turnover

What is your annual turnover?


## Part 2: Procurement practices: main fit out contractors



## Estimated usage of procurement methods

Please rank the following procurement methods to show which are the most commonly used in past 12 months?
traditional PROCUREMENT


TRADITIONAL PROCUREMENT WITH CONTRACTOR'S DESIGN


DESIGN AND BUILD [ONE STOP SHOP]


DESIGN AND BUILD CRESPONSIBILITY FOR DETALLED DESIGN ONLY]


## Tendering methods

In the last 12 months, what proportion of the projects you were involved in used the following tendering methods?


## Forms of contract

Under which form of contract are you most often appointed?


## Contract amendments

If you are usually engaged on a standard form of contract, how often is it unamended?


## Lead time to contract award

What is the typical lead time from initial client contact (e.g., invitation to tender) to notification of contract award?


## Lead time to start on site

What is the typical lead time from notification of contract award to the date you are required to commence on site?


## Changes in scope

How often does the final account exceed the initial contract price due to changes in scope?


## Part 3: Procurement practices: specialist subcontractors



## Forms of contract for subcontractors

Under which form of contract are you most often appointed?


## In contract with whom?

In the last 12 months, what proportion of your contracts were with the following parties?


## Tendering methods

In the last 12 months, what proportion of the projects you were involved in used the following tendering methods?


## Retrospective price changes

Having formally tendered for a work package, how often are you asked to reduce the price retrospectively?


Figure 7.8

## Lead time to contract award

What is the typical lead time from initial contact (e.g., invitation to tender) to notification of contract award?


Figure 7.10a
Source: University of Reading

## Lead time to start on site

What is the typical lead time from notification of contract award to the date you are required to commence on site?


## Competitive factors other than price

When competing for work, to what extent do you think issues other than price are taken into account?


## Final account exceeds initial contract price

How often does the final account exceed the initial contract price due to changes in scope?


## Part 3: Payment practices



## Promptness of payment

Reflecting on the last 12 months, how long after your initial application for payment do you get typically paid?


Figure 8.1 Source: University of Reading

FINISHES \& INTERIORS SECTOR

## Payment practices improving or getting worse?

Thinking about payment promptness, how do you think current payment practices compare to those of 12 months ago?


FINISHES \& INTERIORS SECTOR

## Release of retention monies

How often are retention monies automatically released at the contractually agreed time?


FINISHES \& INTERIORS SECTOR

## Failure to recover retention monies

How often do you fail to recover retention monies to which you are contractually entitled?


## Retention practices improving or getting worse?

Thinking about retention practices, how do you think current payment practices compare to those of 12 months ago?


## Summary response against research objectives



To evaluate the extent to which current approaches to procurement set an appropriate tone for the construction project


To assess progress on the role of procurement in encouraging the integration and certification of design responsibilities


To establish the frequency with which supposedly standard forms of contract are amended
$\checkmark$
The determine the extent to which prevailing
approach to procurement ensure equitable financial
arrangements and certainty of payment

## 3/10 <br> Must do better

## 3/10

Much work still to be done

## 2/10

Disaster zone

## 3/10

More effort needed

## Cliff Smith

Executive Director, Get it Right Initiative

Compliance, Collaboration and a focus on getting it right first time

## Compliance, Collaboration and a focus on getting it right first time

Cliff Smith GIRI Executive Director
$27^{\text {th }}$ February 2023

Working together to eliminate error, by industry, for indystry.


Initial research report:

Get It Right Initiative

## Wasted spend on error

Direct costs of error (5\%) resources used in correcting an error

Indirect costs of error (7\%)
Resources used in follow on work and costs to other parties

Unrecorded process waste (6\%)
Errors occur, are identified and corrected without being recorded

Latent defects (3\%)
remain in place after client acceptance and any 'defects
 liability period' has passed


## Areas in which cost of error is greatest

- Concrete works
- Mechanical systems
- Facades/cladding
- Electrical systems
- Finishes
- Roofing
- Basement waterproofing
- Setting out
- Drainage
- Drainage to completed works
- Steelwork coatings
- Piling
- Roads \& pavements


## Root causes of error

- Inadequate planning (from task through to project level)
- Late design changes
- Poorly-communicated design information
- Poor culture in relation to quality
- Poorly coordinated and incorrect design information
- Inadequate attention paid in the design to construction
- Excessive commercial (financial and time) pressures
- Poor interface management and design
- Ineffective communication between team members
- Inadequate supervisory skills


## Culture



## Synergies health \& safety and quality

1994 First Version of CDM


## HSE

Behaviour change and worker engagement practices within the construction sector

Building Safety Act 2022


## GIRI

- sharing knowledge
- changing behaviour
- developing competence


## Strategic aim of GIRI:

## To improve construction productivity \& quality, and reduce costs \& waste by eliminating error.

## Governance



GIRI

## Current GIRI membership: 90+ companies

- Government advisory bodies
- Clients
- Architects
- Structural and M\&E engineers
- Tier one and tier two contractors
- Lawyers
- Insurers and insurance brokers


## GIRI MEMBERS



## GIRI MEMBERS




## Collaboration

Constructing Excellence Quality in Design Best Practice Tool Code of Practice for Design Management

Temporary Works forum


BSI - QS/1/4 Committee BSF

## Design Guide

Research

- Re-edit following survey
- Edit complete
- New web-based platform for ease of navigation

GIRI Design Guide

## Working groups

INSURANCE WORKING GROUP
Developing guidance to support error reduction, using insurance industry insight into common issues

## BSA STEERING GROUP

Advising members and the wider industry on how to avoid error in implementation of the Act

## TECHNOLOGY WORKING GROUP

Focussing on technology and learning to support the industry to improve quality of delivery.

## CLC METRICS WORKING GROUP

Liaising with CLC to establish an industry-wide quality metric through proof of concept

## Driver of cultural \& behavioural change in the industry

Working together to eliminate error, by industry, ior industry.


## Alison Nicholl

Head of Constructing Excellence, BRE Group

Delivering change through procurement and culture

## Delivering Change through Procurement \& Culture

Alison Nicholl, Head of Constructing Excellence

## Our focus for 2023



A thriving culture
Upscaling technology \& innovation

Thriving
commercially

## Disruption



## Global Challenges



## Social Drivers

EXCELLENCE


## Climate Change



## Legislative Drivers




## Market Enablers to the Value Toolkit

## CONSTRUCTING EXCELLENCE

delivered with bre

## Key findings



## Support

The Industry is really behind both value-based delivery and the Toolkit. People can see its potential. Confidence however is weak, as many have failed to implement on similar plans.


## Cost

Organisation's reverting to type and tender price remaining the main driver is the biggest perceived barrier. Especially in times of economic uncertainty. People are hopeful but sceptical that the Toolkit can address the reliance of procures on cost.

## Language

Plain and consistent language in both the metrics and models drawn from existing understood terms is really important to the supply chain. They are tired of ever changing language and terminologies within the industry.


## Insurance

Insurance isn't seen as a blocker to valuebased models but more of an opportunity to re-consider how programmes, projects and risks are insured. Both the supply chain and insurance market are ready for change.

## Contracts

Contracts are seen as a blocker to value-based models but organisation's don't want new forms of contract, they want better use of existing forms, implemented in a fairer, more consistent way. Maintaining the golden threads, offer incentive rather than look to purely dump risk.

## Generation4Change




Lydia McGuinness
Section Manager,
Wates

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Vihrestencu Consultant, Asite

G4C (Generation for Change) is the young professional voice of the UK built environment industry


## Procurement Group

## Procurement as an enabler



Chair: Rebecca Rees,
Trowers \& Hamlins


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## building a better worldogether

## Panel Debate

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## Joining the panel



Jason Cissell
Head of Contracts, IOR


Stephen Watson, formerly
National Supply Chain Director, Willmott Dixon

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