

## ISSUE 1 COMMERCIAL



This is the first of Steel for Life's regular e-newsletters highlighting steel-related news and resources for those interested in the commercial and cost related aspects of steel construction. Steel for Life is a subsidiary of the British Constructional Steelwork Association (BCSA). Our mission is to support design and construction professionals by providing knowledge, support and tools for designing in steel.

The aim of this newsletter is to showcase the very best of our online content and resources available to construction professionals in a way that is engaging, relevant and, above all, useful. In this issue we focus on the cost of steel-framed office and education buildings. We also signpost to some interesting case studies and to some useful steel-related resources.

# STEEL – WHAT'S THE COST?

Help is on-hand for anyone looking for guidance on the costing of structural steelwork. Costing Steelwork is a new series of articles launched in Building magazine earlier this year.

Costing Steelwork is a quarterly publication providing clear, up-to-date guidance to cost consultants and other construction professionals on factors affecting current steelwork prices. The authors acknowledge the challenge facing anyone estimating the cost of the structural frame, and note the risks and limitations of using basic cost-per-tonne rates.

The challenge is greatest during the early design stages of a project when information is scarce and, by definition, incomplete. This is typically the point, in the life of a project, at which the decision about choice of structural frame is made. AECOM, BCSA and Steel for Life have responded to this challenge.

Costing Steelwork provides sector, and building type-specific cost information. The April 2017 edition focuses on commercial offices, and the July 2017 edition is focussed on education buildings. Each edition provides guidance on key, but often forgotten, cost drivers to be borne in mind when estimating structural steelwork costs. A market update provides up-to-date analysis of current trends affecting UK tender returns, and construction material prices.

In the April 2017, offices-focussed, edition a cost comparison for a typical ten-storey, grade-A office building in central London demonstrates that steel-framed construction can achieve savings of between 5% and 7% when compared to an alternative post-tensioned, concrete frame solution. Look-out for future editions of Costing Steelwork, these will feature costing information for industrial, retail and mixed-use buildings.

[CLICK HERE TO READ COSTING STEELWORK: OFFICES FOCUS](#)

[CLICK HERE TO READ COSTING STEELWORK: EDUCATION FOCUS](#)

## PROJECT FOCUS

Below and on the following page are a selection of recent case studies from our publication New Steel Construction Magazine.

### 52 LIME STREET, LONDON

Read the full [case study](#) for 52 Lime Street the City of London's latest standout commercial development set to reach a height of 190m.



## BIRMINGHAM CONSERVATOIRE

Read the [full case study](#) for Birmingham Conservatoire which details the bespoke design of steel frame boxes within steel frame boxes to meet acoustic requirements.



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## 3 WELLINGTON PLACE, LEEDS

Read the [full case study](#) for Wellington Place; the latest steel-framed building to be constructed for a new business quarter in Leeds.



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# USEFUL LINKS

Steel for Life provides free access to a wealth of online resources related to steel construction, through our online encyclopedia [SteelConstruction.info](#). Click on the links below to access more content.

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### [COST OF STRUCTURAL STEELWORK](#)

This article on [SteelConstruction.info](#) provides a useful introduction and overview of the cost of structural steelwork.

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### [STEEL FABRICATION](#)

This article on [SteelConstruction.info](#) provides a useful introduction to constructional steelwork fabrication.

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### [2017 STRUCTURAL STEEL DESIGN AWARDS SHORTLIST](#)

Details of the 17 projects shortlisted for the 49th Structural Steel Design Awards have been announced and can be viewed on [SteelConstruction.info](#).

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### [SUSTAINABLE STEEL BUILDINGS CPD](#)

This CPD article examines a number of steel's sustainability credentials providing a useful introduction or reminder for design and construction professionals.

# YOUR STEEL RESOURCES

## SteelConstruction.info

A free on-line encyclopedia containing useful resources and content on UK steel construction including; sector articles, case studies by sector, software, tools, CPD and training.



## New Steel Construction Magazine

Published ten times a year, New Steel Construction provides a lively and up-to-date window into the steelwork construction industry. Visit for projects and features, steel construction news, BCSA member listings and to register for your free subscription.



## SteelConstruction.org

The website for the British Constructional Steelwork Association. Including searchable BCSA Member directories and structural steel technical publications.



# CONTACT DETAILS

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