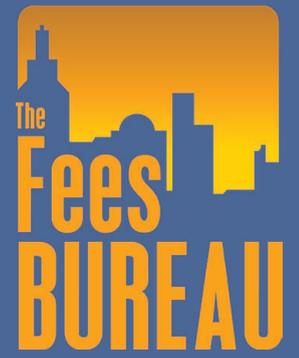


SAMPLE



# Engineers Fees

**A Survey of the Fees Charged by  
Consulting Civil & Structural Engineers**

**2016 edition**



Pages from Engineers Fees which are included in this sample are highlighted in the contents list, below. This sample is intended for illustrative purposes only, to show the type of information covered and examples of the layout. Data has been amended - these are NOT the published tables / charts.

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The information in this publication is based on a survey of consulting engineers undertaken over the 24 month period ending in July 2015. Whilst every effort has been made to ensure the accuracy of information in this publication, Mirza & Nacey Research Ltd can accept no responsibility for any errors of fact, omissions, or opinions expressed. The information supplied should be used as an aid to decision making and not as the sole basis for taking such decisions.

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## Percentage Fee Charts

The fees data is presented as a series of tables and charts based on the data collected by a *survey* of consulting engineers. Fees are expressed as a per cent of total building construction cost. The **average fees line** on each chart is an indicative '*line of best fit*'. Reported fees charged vary around this line; the range of fees charged for jobs is discussed on page 13.

'Fees' relates to the **Normal Services** provided by Consulting Civil and Structural Engineers, as defined in ACE Agreements 2002. This normal service will include: outline proposals; detailed proposals; production information; tender documentation; construction and completion. Fees **exclude** expenses and VAT.

Start by gaining an overview of these figures with the summary tables and charts on pages 10-13. These show average fees lines for the main types of consultancy work (buildings or civil engineering) split between new build and refurbishment.

Next, find the building sector closest to the job you are seeking from the list on page 25. Once in the appropriate sector, you will find charts

with the average fees line which reports on the data collected. In some cases insufficient jobs have been reported to us so it is not possible to include the full range of four charts for all work and contract type combinations.

On the bottom scale (x axis) of this chart find the contract value of your job. Follow this point up until you reach the average fees line.

From this point on the average fees line follow across to the left hand scale (y axis) to read off the percentage fees value.

When considering the fees data please bear in mind the following:

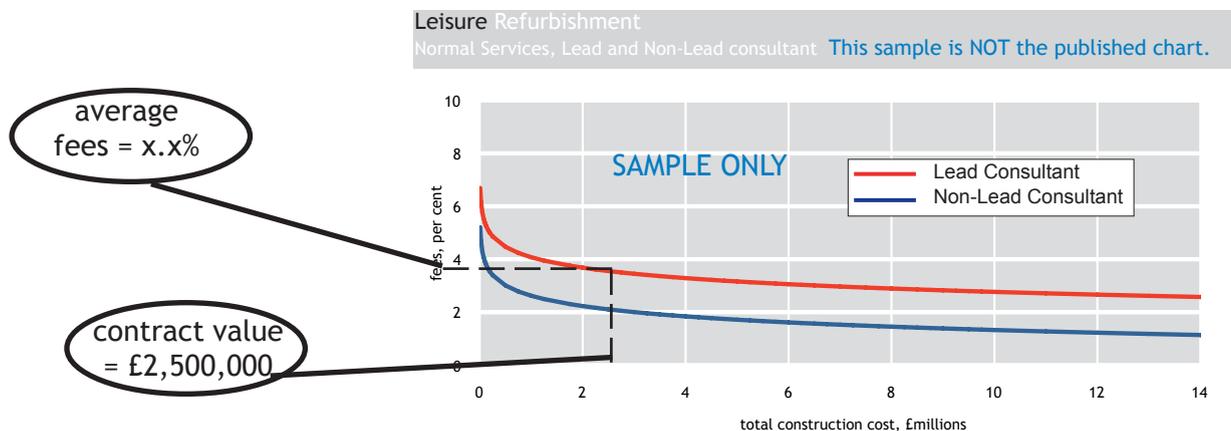
- the 'line of best fit' on each chart is exactly that - a 'best fit' of the individual values reported. Some fee values reported will lie above the line, others below it.
- the indicative lines of best fit take no account of the complexity of the work.
- the scale on each chart may vary. The range of contract values charted reflects the range of jobs reported to us.

## Worked example

The diagram, below, shows how to estimate the average fees for an office new build job, value £2.5m, where the engineer is Lead consultant. This chart appears on page 32. [This sample is NOT the published chart.](#)

For a new build office development with an estimated contract value of £4.8 million, first

find the value £4.8 million on the bottom scale. Follow this point up until you reach the average fees line. The average fees for 'Lead Consultant' is the solid line. Then read off the value from the left-hand scale. The average fee in this example is x.x per cent.

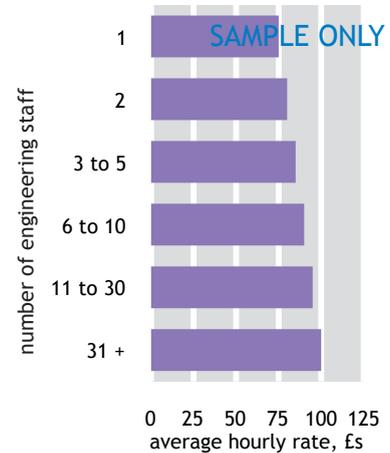


This sample is intended for illustrative purposes only, to show the type of information covered and examples of the layout. Data has been amended - these are NOT the published tables / charts.

### Firm size: 1 engineering staff

£ per hour	lower quartile	<b>MEDIAN</b>	upper quartile
Principal, Partner, Director	40	40	40

Principals' average hourly charge-out rates by firm size



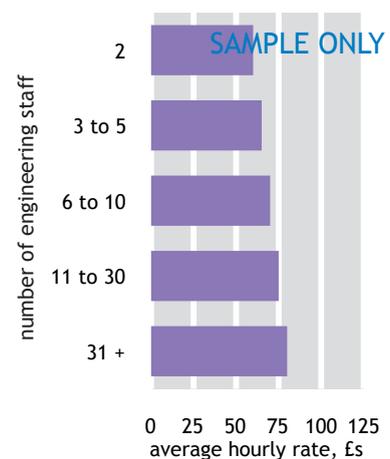
### Firm size: 2-5 engineering staff

£ per hour	lower quartile	<b>MEDIAN</b>	upper quartile
Principal, Partner, Director	40	40	40
Associate	40	40	40
Senior Chartered Engineer	40	40	40
Chartered Engineer	40	40	40
Incorporated Engineer	40	40	40
Graduate Engineer	40	40	40

### Firm size: 6-10 engineering staff

£ per hour	lower quartile	<b>MEDIAN</b>	upper quartile
Principal, Partner, Director	40	40	40
Associate	40	40	40
Senior Chartered Engineer	40	40	40
Chartered Engineer	40	40	40
Incorporated Engineer	40	40	40
Graduate Engineer	40	40	40

Senior Engineers' average hourly charge-out rates by firm size



### Firm size: 11-30 engineering staff

£ per hour	lower quartile	<b>MEDIAN</b>	upper quartile
Principal, Partner, Director	40	40	40
Associate	40	40	40
Senior Chartered Engineer	40	40	40
Chartered Engineer	40	40	40
Incorporated Engineer	40	40	40
Graduate Engineer	40	40	40

Chartered Engineers' average hourly charge-out rates by firm size

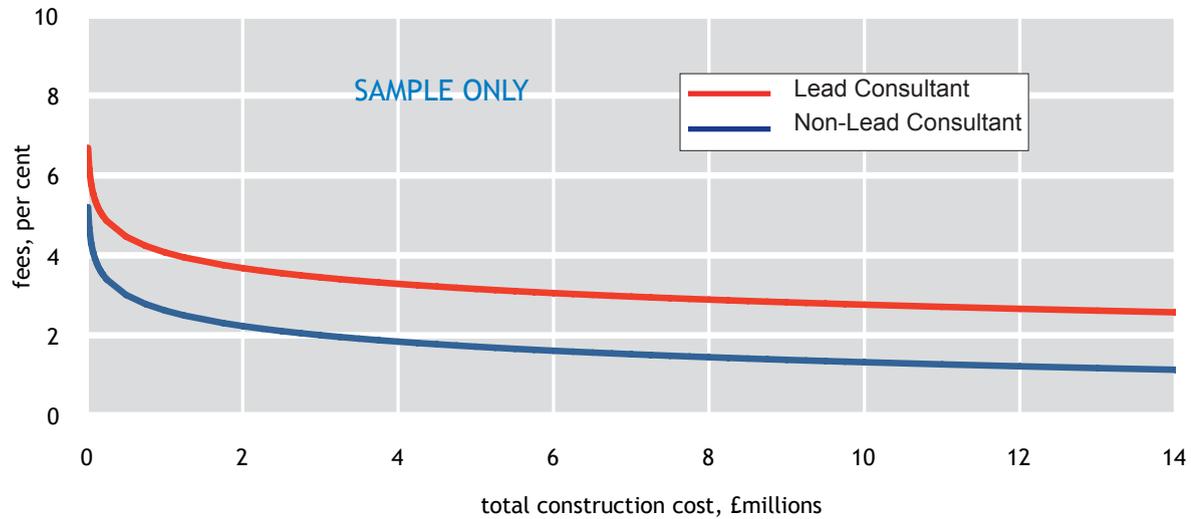


### Firm size: 31+ engineering staff

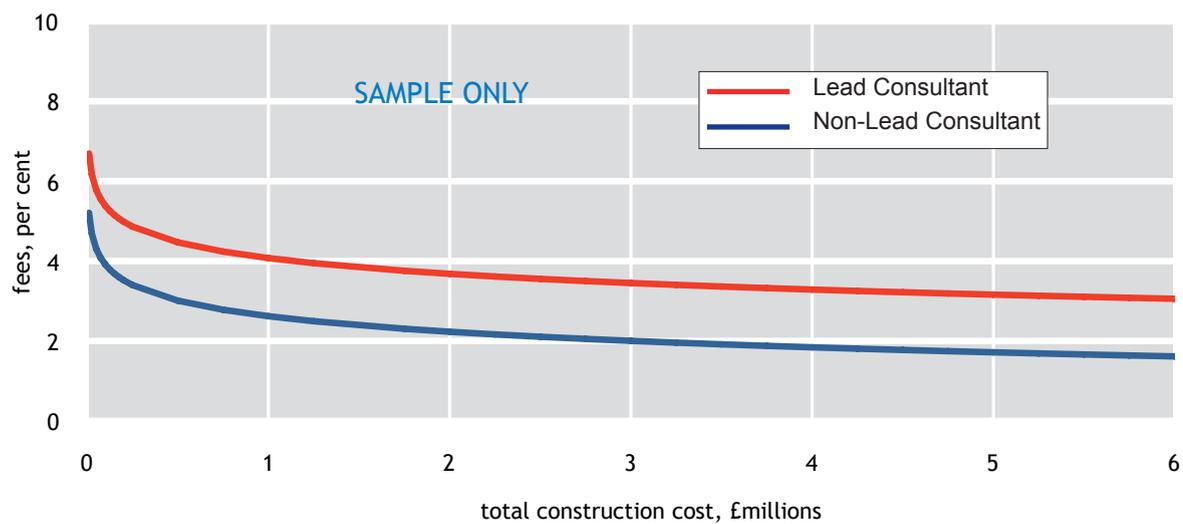
£ per hour	lower quartile	<b>MEDIAN</b>	upper quartile
Principal, Partner, Director	40	40	40
Associate	40	40	40
Senior Chartered Engineer	40	40	40
Chartered Engineer	40	40	40
Incorporated Engineer	40	40	40
Graduate Engineer	40	40	40

This sample is intended for illustrative purposes only, to show the type of information covered and examples of the layout. Data has been amended - these are NOT the published tables / charts.

Office New Build  
Normal Services, Lead and Non-Lead consultant



Office Refurbishment  
Normal Services, Lead and Non-Lead consultant



Offices - All Work, Normal Services

**SAMPLE ONLY**

contract value	average fees (per cent of total construction cost)			
	New Build		Refurbishment	
	Lead	Non-Lead	Lead	Non-Lead
£250,000	4.5	4.5	4.5	4.5
£500,000	4.5	4.5	4.5	4.5
£750,000	4.5	4.5	4.5	4.5
£1,000,000	4.5	4.5	4.5	4.5
£2,500,000	4.5	4.5	4.5	4.5
£5,000,000	4.5	4.5	4.5	4.5
£7,500,000	4.5	4.5	4.5	4.5
£10,000,000	4.5	4.5	4.5	4.5