

## Quantity Surveyor Services

England and Wales May 2022



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Published by the Royal Institution of Chartered Surveyors (RICS)

Parliament Square

London

SW1P 3AD

#### www.rics.org

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### **Contents**

Quant	tity Surveyor Services	1
1	Construction services – all contracts	1
2	Construction phase services – supplementary services	
3	Non-construction services	6
4	Financial support services	6
5	Building information modelling	6
6	Bespoke Additional Services	7
Apper	ndix A: Schedule of meetings to be attended by the Consultant	8
Apper	ndix B: Glossary of terms	10

### **Quantity Surveyor Services**

For use with the RICS Standard or RICS Short Forms of Consultant's Appointment

#### Additional notes

- These Services should be completed by inserting a 'tick' in the box next to the Service to be provided. For further information please refer to the RICS Standard or RICS Short Form of Consultant's Appointment explanatory notes.
- All other Services that are not ticked shall be deemed to be Additional Services under the terms of this Appointment.
- Any bespoke Additional Services agreed between the Client and the Consultant should be inserted in Section 6.
- A schedule of 'typical' meetings is included with these Services in Appendix A. Completion of this schedule is also recommended.
- It is recommended the parties read the RICS QS and Construction Standards.

### 1 Construction services – all contracts

#### 1.1 General

1.1.1 Attend Client, design, Project, Site and other meetings as provided under this Appointment.
1.1.2 Prepare regular/monthly cost reports Advise the Client of any decisions required and obtain authorisation.
1.1.3 Liaise with the Client and the Professional Team to determine the Client's requirements and to develop the Client's Brief.
1.1.4 For any type of measurement service, measurement should be in accordance with the relevant <i>International Property Measurement Standard</i> (IPMS).

☐ 1.1.5 Classify the construction costs in accordance with the *International Cost* 

Management Standard (ICMS).

#### 1.2 Enabling works

☐ 1.2.1 Liaise with the Client and the

Client's Brief. Prepare recommendations for the Client's approval.
1.2.2 Advise the Client on demolition, stripout, site investigation, diversionary and enabling works contracts, decanting and any other works required to enable the Project to proceed.
1.2.3 Liaise with the Professional Team and procure demolition, strip-out, site

investigation, diversionary and enabling works contracts required to enable the

Professional Team to determine the Client's

initial requirements and to develop the

#### 1.3 Health and safety

Project to proceed.

1.3.1 Liaise with the Professional Team and
advise the Client of its obligations under the
CDM Regulations.

1.3.2 Comply with the CDM Regulations
insofar as they relate to this Appointment

1.4	1 Project costs		1.5.4 Liaise with the Client's legal advisers and advise on bonds for performance and	
	<ul><li>1.4.1 Advise on the cost of the Project.</li><li>Advise on the cost of alternative design and</li></ul>		other purposes.	
	construction options.		1.5.5 Liaise with the Client's legal advisers and advise on the use and/or amendment	
	1.4.2 Advise on alternative procurement options.		of construction industry standard forms of Building Contract or contribute to drafting of	
	1.4.3 Visit the Site. Advise the Client on any factors likely to affect cost, time or method of	_	particular Client requirements.	
	implementation.		1.5.6 Advise on the rights and obligations of the parties to the Building Contract.	
	1.4.4 Prepare an initial budget estimate to test feasibility proposals.		Tendering and procurement	
	1.4.5 Advise the Client on the likely effect of	se	rvices	
	market conditions.		1.6.1 Advise on tendering and contractual procurement options. Prepare	
	1.4.6 Prepare, maintain and develop a cost plan and cash flow forecast.		recommendations for the Client's approval.	
	1.4.7 Advise on the cost of the Professional Team's proposals periodically as the design proceeds, including effects of site usage, shape of buildings, alternative forms of design, procurement and construction, etc. Advise on any cost variances to the		1.6.2 Obtain tender drawings and specifications from the Client and the	
			Professional Team.	
			1.6.3 Liaise with the Client and the Professional Team and prepare tender	
			documentation.	
	allowances contained in the cost plan.		1.6.4 Prepare bills of quantities for inclusion	
	1.4.8 Advise the Client on specialist services, including consultants, contractors,		in tender documents in accordance with NF 2 (excludes MEP bills of quantities).	
	subcontractors and suppliers, required in connection with the Project.		1.6.5 Prepare schedules of rates, activity	
	1.4.9 Prepare life-cycle cost studies and		schedules or other pricing documents, for inclusion in tender documents (excludes MEP	
	estimates of annual running costs.		bills of quantities).	
1.5	Contracts related advice		1.6.6 Advise on suitable tenderers for the works required on the Project. Prepare	
	1.5.1 Prior to starting works on-site, confirm		recommendations for the Client's approval.	
	the scope of the Building Contract(s) to the Client and advise on additional works required by third parties.		1.6.7 Investigate prospective tenderers for the Building Contract(s) or subcontract(s)	
	1.5.2 Liaise with the Client's insurance advisers and advise on construction related insurances (excluding the administration of		and advise the Client on their financial status and technical competence. Prepare recommendations for the Client's approval.	
_				
			1.6.8 Attend and participate in pre- and post- tender interviews of prospective tenderers for	

the works required on the Project.

 $\hfill \square$  1.5.3 Liaise with the Client's legal advisers

and advise on warranties/third-party rights, etc.

	1.6.9 Arrange delivery of tender documents to selected tenderers for the works required on the Project.		1.7.2 Visit the Site periodically and assess the progress of the Project for interim payment purposes.
	1.6.10 Check tender submissions for errors, omissions, exclusions, qualifications, inconsistencies, etc.		1.7.3 Advise on the cost of variations to the works prior to the issue of instructions under the Building Contract.
	1.6.11 Liaise with the Professional Team and advise on errors, omissions, exclusions, qualifications and inconsistencies between		1.7.4 Agree the cost of instructions, excluding loss and expense claims, issued under the Building Contract.
	the tender documents and the tenders received. Prepare recommendations for the Client's approval.		1.7.5 Advise on the rights and obligations of the parties to the Building Contract.
	1.6.12 Comment on the tenderers' design and construction programmes and method statements.		1.7.6 Prepare recommendations for interim payments to the Contractor and the release of retention funds.
	1.6.13 Liaise with the Professional Team and prepare a tender report. Prepare recommendations for the Client's approval.		1.7.7 Advise the Client in regard to payment notices, pay less notices and other similar notices of default.
	1.6.14 Conduct negotiations with tenderers. Prepare documentation to confirm adjustments to the tender sums. Prepare		1.7.8 Prepare for issue payment notices, pay less notices and other similar notices of default.
	recommendations for the Client's approval.  1.6.15 Liaise with the Client and the Professional Team and advise on methods of progressing design and/or construction works prior to the execution of the Building Contract.		1.7.9 Prepare the final account or similar financial statement. Facilitate agreement to the final account or similar financial statement from the parties to the Building Contract. For the purposes of this clause the final account or similar financial statement
	1.6.16 Obtain confirmation from the Contractor that required Contractor or subcontractor insurances are in place prior to commencement of works on the Site.		excludes the assessment of loss and expense claims.  1.7.10 Where relevant, prepare recommendations for the payment of liquidated damages by the Contractor.
	1.6.17 Obtain contract drawings and specifications from the Client and the Professional Team. Liaise with the Client's legal advisers, prepare the contract documents and deliver to the Client and the Contractor for completion.	se ma	Inquidated damages by the Contractor.  3 Additional construction phase rvices – cost reimbursable/ anagement/construction anagement/target contracts
1.7	Construction phase services  1.7.1 Develop and maintain the Project cost plan and the Project cash flow forecast for the duration of the Project.		1.8.1 Liaise with the Client's legal advisers and advise on use and/or amendment of bespoke forms of contract or contribute to drafting of particular Client requirements.

	1.8.2 Obtain agreement from the Contractor(s) to the cost plan.		Additional construction phase rvices – design and build contracts	
	1.8.3 Agree a breakdown of the cost plan with the Contractor(s) consistent with the work package procurement strategy.		1.9.1 Liaise with the Client and the Professional Team and coordinate the preparation of the employer's requirements.	
	1.8.4 Agree the Contractor(s)'s entitlement to recovery of preliminaries, overheads and profit.		1.9.2 Liaise with the Professional Team and advise on errors, omissions, exclusions, qualifications and inconsistencies	
	1.8.5 Liaise with the Professional Team and lead the negotiation of a target cost or guaranteed maximum price for the Project.		between the employer's requirements and the Contractor's proposals. Prepare recommendations for the Client's approval.	
	1.8.6 Assist the Contractor in the preparation of work package tender and contract documents.		1.9.3 Liaise with the Professional Team and prepare cost studies to assess alternative Contractor's proposals. Prepare recommendations for the Client's approval.	
	1.8.7 Verification of Contractor's cost by checking invoices and other evidence.		1.9.4 Liaise with the Professional Team and	
	1.8.8 Price the work package tender documents to provide a benchmark for assessing tender returns.		assist with specialist enquiries to assess alternative Contractor's proposals. Prepare recommendations for the Client's approval.	
	1.8.9 Review work package tender returns. Prepare recommendations for the Client's approval.		<ul><li>1.9.5 Liaise with the Professional Team and conduct negotiations with the Contractor.</li><li>Obtain documentation from the Professional Team to confirm the agreed design and/</li></ul>	
	1.8.10 Advise on the cost of variations, excluding loss and expense claims, proposed		or performance specifications. Prepare recommendations for the Client's approval.	
by the Contractor prior to	by the Contractor prior to the issue of instructions under the Building Contract or work package contract.		1.9.6 Advise on the cost of variations, excluding loss and expense claims, proposed by the Contractor prior to the issue of	
	1.8.11 Develop and maintain the cost plan and cash flow forecast as work packages are		instructions under the Building Contract.	
	let.		1.9.7 Agree the cost of instructions, excluding loss and expense claims, proposed by the	
	1.8.12 Check interim valuations and final accounts from the Contractor, work package contractors and suppliers.		O Additional construction phase	
	1.8.13 Advise on expenditure not recoverable under the terms of the management contract and/or the work package contracts.		rvices – provision of services where a ntractor is the Client	
		☐ 1.10.1 Obtain subcontract drawings a		
	☐ 1.8.14 Monitor the Project using Earned Value Analysis.		specifications from the Client. Liaise with the Client's commercial team, prepare the subcontract documents and deliver to the subcontractor(s) for completion.	

	1.10.2 Advise the Client on the cost of variations to the works prior to the issue of		2.1.4 Prepare a cost analysis based on agreed format or special requirements.			
	<ul><li>instructions under subcontracts.</li><li>1.10.3 Agree the cost of instructions,</li></ul>		2.1.5 Prepare a cost analysis of the final account.			
	excluding loss and expense claims, issued under subcontracts.		2.1.6 Facilitate, set up and manage value engineering exercises.			
	1.10.4 Prepare recommendations to the Client for interim payments to subcontractors and the release of retention funds.		2.1.7 Facilitate, set up and manage early warning and risk reduction meetings.			
	1.10.5 Prepare the final account or similar financial statement. Facilitate		2.1.8 Attend and contribute to early warning and risk reduction meetings.			
	agreement to the final account or similar financial statement from the parties to		2.1.9 Facilitate, set up and manage a two- stage tendering process.			
	the subcontract. For the purposes of this clause the final account or similar financial statement excludes the assessment of loss and expense claims.		2.1.10 Facilitate, set up and manage target cost and/or guaranteed maximum price contracts.			
	1.10.6 Where relevant prepare recommendations to the Client for the payment of liquidated and ascertained		2.1.11 Facilitate, set up and manage partnering and/or collaborative working contracts.			
damages by subcontractors.  ☐ 1.10.7 Advise the Client on the	damages by subcontractors.  1.10.7 Advise the Client on the rights		2.1.12 Benchmarking of contracts and subcontracts.			
	and obligations of the parties to the subcontract(s).		2.1.13 Provide specialist procedural advice to comply with EU Regulations and/or other			
	1.10.8 Advise on the subcontractors'	_	legislation.			
	entitlement to extensions of time. Analyse and report on the subcontractors' application(s) for extensions of time. Prepare recommendations for the Client's approval.		2.1.14 Carry out off-site inspections of subcontractors' and suppliers' premises for interim payment purposes.			
_			2.1.15 Monitor the Project using Earned Value Analysis.			
2	Construction phase services					
- 9	supplementary services	2.2 Contractual				
2.1	General		2.2.1 Provide specialist quantity surveying advice on the interpretation of contracts and			
	2.1.1 Provide services for the Client's and/ or any third party's fitting-out or direct works contracts.		contractual clauses.  2.2.2 Liaise with the Client's legal advisers			
	2.1.2 Prepare bills of quantities for mechanical and electrical services.		and advise on the use and/or amendment of bespoke forms of contract or contribute to the drafting of particular Client requirements			
	2.1.3 Price bills of quantities to provide an estimate for comparison with tenders.		2.2.3 Advise on the Contractor's entitlement to extensions of time. Analyse and report on			

	the Contractor's application(s) for extensions of time. Prepare recommendations for the Client's approval.		will store all relevant correspondence and documents and which is to be accessed and used by the Client, the Professional Team and the Contractor.		
	2.2.4 Advise on the cost and contractual consequences arising from an acceleration instruction.		3.8 Set up, maintain and operate an e-tendering portal on behalf of the Client.		
	2.2.5 Advise on the Contractor's entitlement to loss and expense. Analyse and report on	4	Financial support services		
	the Contractor's loss and expense claim(s). Prepare recommendations for the Client's approval.		4.1 Advise on the financial implications of developing different sites.		
	2.2.6 Prepare documentation and/or provide advice to support adjudication proceedings.		4.2 Advise on the preparation of development appraisals.		
	Attend adjudication proceedings.		4.3 Advise on the cost implications of alternative development programmes.		
	2.2.7 Prepare documentation and/or provide advice to support mediation proceedings.		<ul><li>4.4 Prepare sustainability cost studies.</li></ul>		
	attend mediation proceedings.  2.2.8 Prepare documentation and/or provide		4.5 Prepare life-cycle cost studies and estimates of annual running costs.		
	advice to support arbitration and/or litigation proceedings. Attend arbitration and/or litigation proceedings.		4.6 Advise on and evaluate capital tax allowances, grants or other financial assistance available in respect of the Project.		
	2.2.9 Advise the Client on the selection, terms of appointment and fee structures for the Professional Team.		4.7 Prepare applications for capital tax allowances, grants or other financial assistance available in respect of the Project.		
3	Non-construction services		4.8 Advise on VAT payable in respect of the		
	3.1 Provide services for the Client's and/or any third party's organisational move to new		Project. Provide a breakdown of the cost plan interim valuations and final account or similar financial statement for VAT purposes.		
	premises.		4.9 Prepare capitalisation of construction		
	<ul><li>3.2 Monitor key performance indicators.</li><li>3.3 Provide estimates of replacement costs for insurance purposes.</li></ul>		costs for the purpose of preparing an asset register.		
	3.4 Provide services in connection with insurance claims.	5 m	Building information odelling		
	3.5 Facilitate, set up and manage 'lessons learned' or other workshops.		5.1 Independently check and verify the integrity and accuracy of the BIM 5D cost		
	3.6 Act as the Client's partnering adviser.	_	model.		
	3.7 Set up and maintain a secure project and document management website that		5.2 Establish and input contemporary rates into the BIM cost model.		

	5.3 Prepare and create a 5D cost estimate of the Project.
	5.4 Prepare and create a 5D cost plan of the Project in accordance with NRM 1.
	5.5 Check and where necessary adjust BIM-generated measurements.
6	Bespoke Additional Services
	6.1 Enter or attach bespoke Additional Services agreed with the Client.

# Appendix A: Schedule of meetings to be attended by the Consultant

1 Client meeti	ngs						
Attendance:	Partner [		Director		Associate	☐ Project surveyor	
	Other [		(please specify)				
Frequency:	Daily [		Weekly		Monthly	Quarterly	
	No attend	dano	ce required		Other		
Please specify requi	rements:						
2 Design team							
Attendance:	Partner [		Director		Associate	☐ Project surveyor	
	Other [		(please specify)				
_		_					
Frequency:			Weekly	Ш	_	Quarterly	
	No attend	dano	ce required		Other		
Please specify requi	rements: _						
3 Project team							
_			Director		Associate	Drainst surveyer	
Attendance:	_	_				☐ Project surveyor	
	Otner [		(please specify)				
Frequency:	Daily [		Weekly		Monthly	☐ Quarterly	
	-	— dand	ce required		Other		
	. to accord			Ш	3		
Please specify requi	rements: _						

4 Site meetings							
Attendance:	Partner 🗌	Director		Associate		Project surveyor	
	Other 🗌	(please specify)					
Frequency:	Daily 🗌	Weekly		Monthly		Quarterly	
	No attendand	ce required		Other			
Please specify requirements:							
5 (Other) meetings							
Attendance:	Partner 🗌	Director		Associate		Project surveyor	
	Other	(please specify)					
Frequency:	Daily $\square$	Weekly		Monthly		Quarterly	
	No attendand	ce required		Other			

Please specify requirements: \_\_\_\_\_\_

### Appendix B: Glossary of terms

5D	BIM model that incorporates three spatial dimensions (length, width, height or thickness), scheduling information, and cost related information.
Earned Value Analysis	Method of measuring a property's development progress at any given point in time, forecasting its completion date and final cost, and analysing variances in the property's development programme and budget, as the property's development proceeds.
NRM 1	New Rules of Measurement: Order of Cost Estimating and Cost Planning for Capital Building Works.
NRM 2	New Rules of Measurement: Detailed Measurement for Building Works.

The following additional definitions shall apply where the RICS Short Form of Consultant's Appointment is used:

Building Contract	The contract or contracts between the Client and the Contractor for the construction of the Project, a copy of which (or a copy of relevant extracts of which) the Client provides to the Consultant.
Client's Brief	The brief provided by the Client identifying the Client's requirements in relation to the Project as such requirements may, in accordance with the Client's instructions, be amended from time to time with the Consultant's agreement (which agreement is not to be unreasonably withheld or delayed).
Contractor	The contractor or contractors that the Client appoints under the Building Contract.
Site	The site on which the Project is being undertaken.

### Delivering confidence

We are RICS. Everything we do is designed to effect positive change in the built and natural environments. Through our respected global standards, leading professional progression and our trusted data and insight, we promote and enforce the highest professional standards in the development and management of land, real estate, construction and infrastructure. Our work with others provides a foundation for confident markets, pioneers better places to live and work and is a force for positive social impact.

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