

Liverpool John Moores University

Title: PROCUREMENT
Status: Definitive
Code: **6163UG** (102690)
Version Start Date: 01-08-2011

Owning School/Faculty: Built Environment
Teaching School/Faculty: Built Environment

Team	Leader
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Academic Level: FHEQ6 **Credit Value:** 12.00 **Total Delivered Hours:** 24.00
Total Learning Hours: 120 **Private Study:** 96

Delivery Options

Course typically offered: Summer

Component	Contact Hours
Lecture	12.000
Tutorial	12.000

Grading Basis: 40 %

Assessment Details

Category	Short Description	Description	Weighting (%)	Exam Duration
Report	AS1	Report	70.0	
Presentation	AS2	Group presentation	30.0	

Aims

To examine the development of strategies for the procurement of construction work; to do this using a problem solving approach considering project objectives, procurement solution options, procurement decision models and issues of implementation; and to do this with a particular emphasis on the allocation of risk and responsibility.

Learning Outcomes

After completing the module the student should be able to:

- 1 Identify and analyse client and project requirements and objectives
- 2 Identify and evaluate procurement solution options for complex building works, analysing their strengths and weaknesses for modern business practices.
- 3 Apply a risk management approach to the analysis of a construction project in support of the procurement route decision process.
- 4 Consider the effect of specialist works on a chosen procurement strategy.
- 5 Evaluate the effect of whole-life costing on the procurement strategy.
- 6 Evaluate the effect of procurement strategies on private, public and not-for-profit clients.

Learning Outcomes of Assessments

The assessment item list is assessed via the learning outcomes listed:

REPORT	1	2	3	5
PRESENTATION	4	6		

Outline Syllabus

The delivery of material at this level will be set in the context of a major construction project or other complex building development.

Problem solving approach:

Framing the problem; defining the problem; identifying solutions; analysing resource requirements and availability; selecting optimum solution; implementation; feedback. Introduction to PFI/PPP; the role of the SPV; cost planning v. whole life costing

Project definition:

Briefing: project environment; clients objectives: function/quality, time and cost etc.; other participants' objectives. Procurement arrangement criteria.

Procurement options:

Strategic frameworks; Procurement routes available; differences between routes available; allocation of risk; allocation of responsibility; degree of control.

Procurement of management. Procurement of design; design liability. Procurement of (design and production of) specialist works. Payment basis.

Procurement route selection:

Models / tools for procurement route decision-making.

Implementation:

Design stage: Production of project design and/or documentation. Investigation of performance and prescriptive methods of documentation. Advanced contract and subcontract arrangements. Issues in obtaining tenders. Tender analysis and reports; award of contract.

Learning Activities

The module will be delivered via a series of key-note lectures and a portfolio of

project-based tasks.

References

Course Material	Book
Author	Barrett, P. & Stanley, C.
Publishing Year	1999
Title	Better Construction Briefing
Subtitle	
Edition	
Publisher	Blackwell Science
ISBN	0632051027

Course Material	Book
Author	Masterman, J.W.F.
Publishing Year	2002
Title	An Introduction to Building Procurement Systems
Subtitle	
Edition	2nd Edition
Publisher	Spon Press
ISBN	0415246423

Course Material	Book
Author	Boussabaine, A.H. & Kirkham, R.J.
Publishing Year	2004
Title	Whole Life Costing, Risk & Risk Responses
Subtitle	
Edition	
Publisher	Blackwell Publishing
ISBN	1-4051-07863

Course Material	Book
Author	Office for Government Commerce
Publishing Year	2002
Title	Achieving Excellence in Construction: Achieving Excellence - Guide 3: Project Procurement Lifecycle
Subtitle	
Edition	
Publisher	OGC
ISBN	

Course Material	Book
Author	Office for Government Commerce
Publishing Year	2002

Title	Achieving Excellence in Construction: Achieving Excellence - Guide 6: Procurement and Contract Strategies
Subtitle	
Edition	
Publisher	OGC
ISBN	

Notes

This module develops an understanding of the issues underpinning decisions made about procurement strategies. The risks explicit and implicit connected to various procurement arrangements are also explored for private, public and quasi-public clients.