

## Liverpool John Moores University

Title: PROCUREMENT  
Status: Definitive  
Code: **6011BEUG** (102791)  
Version Start Date: 01-08-2011

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

Team	Leader
Dianne Marsh	Y

**Academic Level:** FHEQ6  
**Credit Value:** 12.00  
**Total Delivered Hours:** 26.00  
**Total Learning Hours:** 120  
**Private Study:** 94

### Delivery Options

Course typically offered: Semester 2

Component	Contact Hours
Lecture	12.000
Tutorial	12.000

**Grading Basis:** 40 %

### Assessment Details

Category	Short Description	Description	Weighting (%)	Exam Duration
Exam	AS1	closed book	70.0	2.00
Presentation	AS2	student presentation	10.0	
Report	AS3	student group report	20.0	

### 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:

EXAM	1	2	3	4	5	6
PRESENTATION	1	2	3	4	5	
GROUP REPORT	1	2	3	4	5	

## Outline Syllabus

### *Context:*

*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; a series of student-led debates on current topics and a portfolio of project-based tasks.

## References

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

<b>Course Material</b>	Book
<b>Author</b>	Masterman J W F
<b>Publishing Year</b>	2002
<b>Title</b>	An Introduction to Building Procurement Systems;
<b>Subtitle</b>	
<b>Edition</b>	2nd edition;
<b>Publisher</b>	Spon Press;
<b>ISBN</b>	0415246423

<b>Course Material</b>	Book
<b>Author</b>	Boussabaine A H & Kirkham R J
<b>Publishing Year</b>	2004
<b>Title</b>	Whole Life Costing, Risk & Risk Responses;
<b>Subtitle</b>	
<b>Edition</b>	
<b>Publisher</b>	Blackwell Publishing;
<b>ISBN</b>	1-4051-0786-3

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

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<b>Course Material</b>	Book
<b>Author</b>	Office for Government Commerce
<b>Publishing Year</b>	2002
<b>Title</b>	Achieving Excellence in Construction
<b>Subtitle</b>	Achieving Excellence Guide 6 - Procurement and Contract Strategies
<b>Edition</b>	
<b>Publisher</b>	
<b>ISBN</b>	

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### 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.