

**CORK INSTITUTE OF TECHNOLOGY
INSTITIÚID TEICNEOLAÍOCHTA CHORCAÍ**

Semester 1 Examinations 2011/12

Module Title: Construction Procurement 3A

Module Code: BULD7028

School: Building & Civil Engineering

Programme Title: Bachelor of Science in Construction Management
Bachelor of Science in Construction Economics

Programme Code: CMNGT_7_Y3 / CCECO_7_Y3

External Examiner(s): Mr. Noel Dempsey, Mr Gerry O'Rourke, Ms Rita Scully,
Mr Tim Cahalane

Internal Examiner(s): Gillian Carey

Instructions: Answer any **THREE** questions. All questions carry equal marks.
Overall marks for this exam is 60 marks (maximum)

Duration: 2 Hours

Sitting: Winter 2011

Requirements for this examination:

Note to Candidates: Please check the Programme Title and the Module Title to ensure that you have received the correct examination paper.
If in doubt please contact an Invigilator.

Q.1

Distinguish between prescriptive and performance specifications giving examples of each.

(Total 20 marks)

Q.2

Describe all of the following methods of procurement:-

- i. Traditional
- ii. Design and Build
- iii. Management Contracting
- iv. Construction Management

(Total 20 marks)

Q.3

Risk and uncertainty are inherent in construction.

Explain the difference between risk and uncertainty in relation to a construction project giving examples where appropriate.

(Total 20 marks)

Q.4

Establishing an effective brief can contribute to overall project success.

Discuss measures that could be adopted to develop a project brief and comment on any issues that need particular attention.

(Total 20 marks)