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UNIVERSITI TUN HUSSEIN ONN MALAYSIA

**FINAL EXAMINATION
SEMESTER I
SESSION 2013/2014**

COURSE NAME : CONSTRUCTION PROCUREMENT
COURSE CODE : BPD 30703
PROGRAMME : 3 BPC
EXAMINATION DATE : DECEMBER 2013/JANUARY 2014
DURATION : 3 HOURS
INSTRUCTION : A) COMPULSORY
B) ANSWER **THREE (3)**
QUESTIONS ONLY

THIS QUESTION PAPER CONSIST OF **FOUR (4)** PAGES

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SECTION A

Q1 To achieve project's objective which is based on iron triangle (time, cost and quality), the client needs to create a strategy to select the most appropriate procurement systems. However, in Malaysia, majority of clients are unaware of choices of procurement system available for them.

- (a) Explain **FIVE (5)** reasons the importance of iron triangle to client. (10 marks)
- (b) Discuss **FIVE (5)** factors to be considered when choosing the procurement system for a construction project. (10 marks)
- (c) Propose a checklist in making procurement selections to client. (20 marks)

SECTION B

Q2 Many clients are dissatisfied with the results of individual competitively tendered projects. These contracts have often underperformed in terms of time, cost and quality and have led to adversarial attitudes from all project players. As a result, the use of partnering has substantial increase in developed countries. Partnering is a strategic alliance between two or more organisations.

(a) Describe **THREE (3)** characteristics of partnering. (6 marks)

(b) Outline **TWO (2)** benefits of applying partnering as one of the relationship-based procurement system. (14 marks)

Q3 Management oriented procurement system is designed on the integration of management and both design and construction. Two methods namely management contracting and construction management are developed to speed up the process from commencement to completion.

(a) Discuss **FIVE (5)** differences in terms of process of these methods. (10 marks)

(b) Analyse a diagram of the contractual and functional relationships exist in the management contracting. (10 marks)

Q4 The conventional procurement system is also known as separated procurement system. It has been used by the majority of clients in the construction industry for at least in the past of 150 years (Masterman, 1996). One of the unique characteristics of the system is that it follows a strictly sequential path. As a project manager, you are required to advise your client on making the appropriate procurement system for his project:

(a) Describe conventional procurement system. (5 marks)

(b) Differentiate **FIVE (5)** variants of the system. (15 marks)

Q5 Farisha Bina Sdn. Bhd. was chosen by Diamond Holding Corporation to undertake a reclamation project in Beseri, Perlis by using design and build system. Mr. Nasruddin is a new contract manager of Farisha Bina Sdn. Bhd. who has no experience in this system and he needs further explanation.

(a) Explain with a diagram to Mr. Nasruddin on contractual relationships of design and build system.

(5 marks)

(b) Outline **FIVE (5)** processes of the system.

(15 marks)

- **END OF QUESTION** -