



**UNIVERSITI KUALA LUMPUR
Malaysia France Institute**

**FINAL EXAMINATION
SEPTEMBER 2014 SESSION**

SUBJECT CODE : FRB20202
SUBJECT TITLE : TENDER AND DOCUMENTATION
LEVEL : BACHELOR
TIME / DURATION : 9.00 AM – 11.00 AM
(2 HOURS)
DATE : 4 JANUARY 2015

INSTRUCTIONS TO CANDIDATES

1. Please read the instructions given in the question paper **CAREFULLY**.
 2. This question paper is printed on both sides of the paper.
 3. Please write your answers on the answer booklet provided.
 4. Answer should be written in blue or black ink except for sketching, graphic and illustration.
 5. This question paper consists of **ONE (1) section**. Answer all questions.
 6. Answer all questions in English.
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THERE ARE 3 PAGES OF QUESTIONS, EXCLUDING THIS PAGE.

SECTION A (Total: 60 marks)**INSTRUCTION: Answer ALL questions.****Please use the answer booklet provided.****Question 1**

- (a) The application of planning and control system will incur additional management cost. As a Project Manager, why you should apply for it even though your management cost will be higher? Give a strong reason for this matter.

(10 marks)

- (b) List down and explain two (2) types of insurances that your company needs to purchase when get a project?

(10 marks)

Question 2

- (a) Give the definition of the listed terms which normally use in Tender Document.

(10 marks)

- i. Legend
- ii. Liquidated and Damages

- (b) As a local contractor which registered with Pusat Khidmat Kontraktor (PKK), your company is not required to deposit a tender deposit. But there are three (3) penalties that you must alert in case your company withdraws after the government tender has been awarded. List it down those three (3) penalties.

(10 marks)

Question 3

- (a) Determine the final price if the final cost summary of the tender is RM 700,789.77. You are told to add a 6.5% profit for the tender.

(5 marks)

- (b) The cost for one project is RM 1,547,115.01, while the total bid price is RM 1,578,688.79. Calculate the percentage of gross profit for that project.

(15 marks)

Question 4

Using the following information, calculate a cash flow statement from September until December 2014. Knowing that brought forward for September is RM 20,000.00.

- (a) Site overhead need to pay for each month is RM 100.00
- (b) Cost for material is RM 1.70 each unit and one month credit given by the supplier
- (c) Company need to pay RM2.50 each unit for labor in month used.
- (d) The loan repayment for September (RM 2,000.00), October (RM 2,500.00) and November (RM 1,500.00).
- (e) Sales forecast are RM 15 per unit and client takes one month to pay the account:
- i. August = 1500 unit
 - ii. September = 1500 unit
 - iii. October = 1000 unit
 - iv. November = 1000 unit
 - v. December = 800 unit

(20 marks)

Question 5

Table Q5: Bill of Quantity

| Item | Description | Unit | Qty | Unit Rate | Amount |
|-------------------|--|------|-----|-----------|--------------|
| A | Air Conditioning & Ventilation System | | | | |
| 1 | To supply and delivery of the following air cooled split unit air conditioners c/w wireless remote controllers. | | | | |
| a | 28,000 Btu/hr capacity Cassette type split unit air conditioners. | nos | 2 | 3300 | 6600 |
| b | 25,000 Btu/hr capacity Cassette type split unit air conditioners. | nos | 7 | 2700 | 18900 |
| c | 13,000 Btu/hr capacity Wall Mounted type split unit air conditioners | no | 1 | 1050 | 1050 |
| d | 10,000 Btu/hr capacity Wall Mounted type split unit air conditioners | nos | 6 | 950 | 5700 |
| 2 | Installation of the above air conditioners c/w refrigerant piping,insulation,drain,control wiring etc. | | | | |
| a | 28,000 Btu/hr capacity Cassette type split unit air conditioners. | nos | 2 | 900 | 1800 |
| b | 25,000 Btu/hr capacity Cassette type split unit air conditioners. | nos | 7 | 800 | 5600 |
| c | 13,000 Btu/hr capacity Wall Mounted type split unit air conditioners | nos | 1 | 550 | 550 |
| d | 10,000 Btu/hr capacity Wall Mounted type split unit air conditioners | nos | 6 | 500 | 3000 |
| 3 | To supply and install air cond,starter and control panels c/w starters,contactors,indicating light,ELCB,MCB etc as per make specified. | | | | |
| a | SP/AC-G | no | 1 | 4900 | 4900 |
| b | SP/AC-1 | no | 1 | 3350 | 3350 |
| 4 | To supply and install wiring in conduit from starter boards to all fan coil units and condensing units. | | | | |
| a | using 2x1C/2.5mm ² pvc cable in concealed conduit for 1hp to 2hp air conditioners | nos | 7 | 300 | 2100 |
| b | using 2x1C/4.0mm ² pvc cable in concealed conduit for 2.5hp to 3 hp air conditioner. | nos | 9 | 350 | 3150 |
| TOTAL (RM) | | | | | 56700 |

Referring to table Q5, produce a final claim. Given that the retention money is 2.5% and total previous payment is RM 32,250.00.

(20 marks)

END OF QUESTION

