



**UNIVERSITI KUALA LUMPUR  
Malaysia France Institute**

---

**FINAL EXAMINATION  
SEPTEMBER 2014 SESSION**

---

**SUBJECT CODE** : FCD30202  
**SUBJECT TITLE** : TENDER AND DOCUMENTATION  
**LEVEL** : DIPLOMA  
**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 **TWO (2) sections**. Section A and B. Answer all questions in Section A. For Section B, answer two (2) question only.
  6. Answer all questions in English.
- 

**THERE ARE 5 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)

**SECTION B (Total: 40 marks)**

**INSTRUCTION: Answer only TWO questions.**

**Please use the answer booklet provided.**

**Question 4**

Table Q4: Bill of Quantity

Item	Description	Unit	Qty	Unit Rate	Amount
<b>A</b>	Air Conditioning & Ventilation System				
<b>1</b>	To supply ,delivery and install of the following air cooled split unit air conditioners c/w wireless remote controllers.				
a	35,000 Btu/hr capacity Ceiling Concealed type split unit air conditioners-YCC40C/YSL35C	nos	2		
b	25,000 Btu/hr capacity Ceiling Concealed type split unit air conditioners - YCC25C/YSL25B	nos	2		
c	35,000 Btu/hr capacity Cassette type split unit air conditioners - YCK40A/YSL35C	nos	3		
d	25,000 Btu/hr capacity Cassette type split unit air conditioners - YCK25A/YSL25B.	nos	2		
e	30,000 Btu/hr capacity Ceiling Exposed type split unit air conditioners - YCE30CB/YSL30B.	no	1		
f	13,000 Btu/hr capacity Ceiling Exposed type split unit air conditioners- YCE15CB/YSL15C	no	1		
g	24,000 Btu/hr capacity Wall Mounted type split unit air conditioners YWM25F/YSL25B	no	1		
h	19,500 Btu/hr capacity Wall Mounted type split unit air conditioners YWM20F/YSL20B	nos	4		
i	13,000 Btu/hr capacity Wall Mounted type split unit air conditioners YWM15G/YSL15C	nos	3		
j	9,000 Btu/hr capacity Wall Mounted type split unit air conditioners YWM09G/YSL09C	no	1		
	<b>TOTAL</b>				

Referring to table Q4, calculate the total tender price in Appendix 2 by using the data in Appendix 1.

(20 marks)

**Question 5**

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 6**

Table Q6: Bill of Quantity

Item	Description	Unit	Qty	Unit Rate	Amount
<b>A</b>	<b>Air Conditioning &amp; Ventilation System</b>				
<b>1</b>	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
<b>2</b>	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
<b>3</b>	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
<b>4</b>	To supply and install wiring in conduit from starter boards to all fan coil units and condensing units.				
a	using 2x1C/2.5mm <sup>2</sup> pvc cable in concealed conduit for 1hp to 2hp air conditioners	nos	7	300	2100
b	using 2x1C/4.0mm <sup>2</sup> pvc cable in concealed conduit for 2.5hp to 3 hp air conditioner.	nos	9	350	3150
<b>TOTAL (RM)</b>					<b>56700</b>

Referring to table Q6, 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**

**Appendix 1: Price List**

<u>ITEM</u>	<u>DESCRIPTION</u>	<u>(BTU/HR)</u>	<u>QTY</u>	<u>PRICE</u>
1	YWM09G/YSL09C	9000	1	774.20
2	YWM15G/YSL15C	13000	1	1,038.80
3	YWM20F/YSL20B	19500	1	1,735.58
4	YWM25F/YSL25B	24000	1	2,075.15
5	YCE10CB/YSL10C	10000	1	1,233.23
6	YCE15CB/YSL15C	13000	1	1,685.60
7	YCE20CB/YSL20B	20000	1	1,961.96
8	YCE25CB/YSL25B	25000	1	2,150.61
9	YCE30CB/YSL30B	30000	1	2,565.64
10	YCE40CB/YSL35C	35000	1	3,433.43
11	YCK20A/YSL20B	21000	1	2,565.64
12	YCK25A/YSL25B	25000	1	2,920.30
13	YCK30A/YSL30B	30000	1	3,259.87
14	YCK40A/YSL35C	35000	1	4,180.48
15	YCC10C/YSL10C	9700	1	1,405.71
16	YCC15C/YSL15C	13000	1	1,727.74
17	YCC20C/YSL20B	20000	1	1,999.69
18	YCC25C/YSL25B	25000	1	2,301.53
19	YCC30C-YSL30B	30000	1	2,693.92
20	YCC40C/YSL35C	35000	1	3,395.70
Installation	: 3.5 hp : RM 1200.00			
	: 3.0 hp : RM 1000.00			
	: 2.5 hp : RM 850.00			
	: 2.0 hp : RM 800.00			
	: 1.5 hp : RM 750.00			
	: 1.0 hp : RM 700.00			

**Appendix 2: Bill of Quantity – To be return with answer booklet**

Item	Description	Unit	Qty	Unit Rate	Amount
<b>A</b>	Air Conditioning & Ventilation System				
<b>1</b>	To supply ,delivery and install of the following air cooled split unit air conditioners c/w wireless remote controllers.				
a	35,000 Btu/hr capacity Ceiling Concealed type split unit air conditioners-YCC40C/YSL35C	nos	2		
b	25,000 Btu/hr capacity Ceiling Concealed type split unit air conditioners - YCC25C/YSL25B	nos	2		
c	35,000 Btu/hr capacity Cassette type split unit air conditioners - YCK40A/YSL35C	nos	3		
d	25,000 Btu/hr capacity Cassette type split unit air conditioners - YCK25A/YSL25B.	nos	2		
e	30,000 Btu/hr capacity Ceiling Exposed type split unit air conditioners - YCE30CB/YSL30B.	no	1		
f	13,000 Btu/hr capacity Ceiling Exposed type split unit air conditioners- YCE15CB/YSL15C	no	1		
g	24,000 Btu/hr capacity Wall Mounted type split unit air conditioners YWM25F/YSL25B	no	1		
h	19,500 Btu/hr capacity Wall Mounted type split unit air conditioners YWM20F/YSL20B	nos	4		
i	13,000 Btu/hr capacity Wall Mounted type split unit air conditioners YWM15G/YSL15C	nos	3		
j	9,000 Btu/hr capacity Wall Mounted type split unit air conditioners YWM09G/YSL09C	no	1		
	<b>TOTAL</b>				