

SULIT



**BAHAGIAN PEPERIKSAAN DAN PENILAIAN
JABATAN PENDIDIKAN POLITEKNIK DAN KOLEJ KOMUNITI
KEMENTERIAN PENGAJIAN TINGGI**

JABATAN KEJURUTERAAN AWAM

PENILAIAN ALTERNATIF

SESI 1: 2021/2022

DCB 30122 : PROCUREMENT FOR BUILDING SERVICES

NAMA PENYELARAS KURSUS: NUR HAZLINA BINTI LAMLI

KAEDAH PENILAIAN : PEPERIKSAAN ATAS TALIAN

**JENIS PENILAIAN : SOALAN BERSTUKTUR DAN ESEI
(3 SOALAN)**

TARIKH PENILAIAN : 4 FEBRUARI 2022

TEMPOH PENILAIAN : 1 JAM 30 MINIT

LARANGAN TERHADAP PLAGIARISM (AKTA 174)

**PELAJAR TIDAK BOLEH MEMPLAGIAT APA-APA IDEA, PENULISAN, DATA
ATAU CIPTAAN ORANG LAIN. PLAGIAT ADALAH SALAH SATU
PENYELEWENGAN AKADEMIK. SEKIRANYA PELAJAR DIBUKTIKAN
MELAKUKAN PLAGIARISM, PENILAIAN BAGI KURSUS BERKENAAN AKAN
DIMANSUHKAN DAN DIBERI GRED F DENGAN NILAI MATA 0.**

**(RUJUK BUKU ARAHAN-ARAHAN PEPERIKSAAN DAN KAEDAH PENILAIAN (Diploma) EDISI 6, JUN 2019,
KLAUSA 17.3)**

INSTRUCTION:

This section consists of **TWO (2)** structured essay questions. Write your answers in the answer sheet form provided.

ARAHAN :

*Bahagian ini mengandungi **DUA (2)** soalan esei berstruktur. Tulis jawapan anda di dalam helaian kertas yang disediakan.*

SECTION A**BAHAGIAN A****QUESTION 1****SOALAN 1**CLO1
C2

1 (a) Compare **TWO (2)** differences between contractor registrations procedures at the Contractor Services Centre (PKK) and the Construction Industry Development Board of Malaysia (CIDB).

*Bandingkan **DUA (2)** perbezaan prosedur pendaftaran diantara Pusat Khidmat Kontraktor (PKK) dan Lembaga Pembangunan Industri Pembinaan Malaysia (CIDB).*

[5 marks]

[5 markah]

CLO1
C3

1 (b) Explain **FIVE (5)** stages involved in a construction process.

*Terangkan **LIMA (5)** peringkat yang terlibat di dalam proses pembinaan.*

[10 marks]

[10 markah]

CLO1
C3

1 (c) Interpret **FIVE (5)** clauses and terms in Standard Form of Contract (P.W.D. Form 203/203A).

*Jelaskan **LIMA (5)** klausa dan terma yang terdapat di dalam Standard Form of Contract (P.W.D. Form 203/203A).*

[10 marks]

[10 markah]

QUESTION 2

SOALAN 2

CLO1
C2

- 2 (a). Explain the meaning of tender and quotation.

Terangkan maksud tender dan sebut harga.

[5 marks]

[5 markah]

CLO1
C3

- 2 (b) Prepare a tender notice for providing a Security Services at Politeknik Sultan Salahuddin Abdul Aziz Shah.

Sediakan satu notis tender untuk membekalkan Perkhidmatan Keselamatan di Politeknik Sultan Salahuddin Abdul Aziz Shah.

[10 marks]

[10 markah]

CLO1
C3

- 2 (c) Based on
- Figure 1**
- , determine:

Berdasarkan Rajah 1, tentukan:

PNB				
PERMODALAN NASIONAL BERHAD (38218-X)				
NOTICE OF TENDER				
PNB would like to invite qualified local and experienced private cloud and/or hosting providers for the following works:				
CODE	TYPE OF WORK	DATE OF PURCHASE, VENUE & PRICE OF DOCUMENT	DATE AND VENUE OF TENDER BRIEFING	CLOSING DATE, TIME AND VENUE OF SUBMISSION
PR/2017/0003216	SUPPLY, INSTALLATION, TESTING AND SUBSCRIPTION OF A COMPLETE AND COMPREHENSIVE CLOUD HOSTING SERVICES FOR ASNB PORTAL	Date: 3-9 October 2017 Jabatan Perolehan, Level 33, Menara PNB, 201-A, Jalan Tun Razak, 50400 Kuala Lumpur RM1,000.00	Date: 6 October 2017 Time: 10.00 a.m. Tender Briefing Room, Level 33, Menara PNB, 201-A, Jalan Tun Razak, 50400 Kuala Lumpur	Date: 27 October 2017 Time: 3.00 p.m. Tender Box No: 14, Jabatan Perolehan, Level 33, Menara PNB, 201-A, Jalan Tun Razak, 50400 Kuala Lumpur
<p>1. PAYMENT OF TENDER DOCUMENTS Payment for Tender Documents should be made in the form of Bank Draft only in favor of Permodalan Nasional Berhad. The payment fee WILL NOT be refunded.</p> <p>2. TENDER DOCUMENTS The Tender Document will be available during office hours (9.00 a.m. until 12.30 p.m. and 2.00 p.m. until 5.00 p.m.) on the date stipulated as above. Tender Table Documents can be inspected at the Procurement Department, PNB during office hours.</p> <p>3. TENDER SUBMISSION The duly completed and signed Tender Document should indicate the project title on the top left corner of a sealed envelope and deposited into Tender Box No. 14 before 3.00 p.m. on 27 October 2017 at the Procurement Department, Level 33, Menara PNB, 201-A, Jalan Tun Razak, 50400 Kuala Lumpur by registered mail/courier or personally. Proof of postage is not acceptable.</p> <p>4. TENDER BRIEFING The Tender Briefing is COMPULSORY for all Tenderers on 6 October 2017. Failure to attend the briefing will be subjected to disqualification of the Tenderer's participation in this tender.</p> <p>5. PNB does not bind itself to accept the lowest or any tender nor to assign any reason for the rejection of any tender nor will be responsible for any cost incurred by the Tenderers.</p> <p>6. PNB reserves the right to reject any application and to annul the tender qualification process and reject all applications, without thereby incurring any liability to the affected applicants or any obligations to inform the applicants of the grounds for the action.</p>				

Figure 1 / Rajah 1

- i. Type of tender in **Figure 1**.

Jenis tender di dalam Rajah 1.

[2 marks]

[2 markah]

- ii. **FOUR (4)** advantages and **FOUR (4)** disadvantages of the tender in **Figure 1**.

EMPAT (4) kelebihan dan EMPAT (4) kekurangan untuk tender di dalam Rajah 1.

[8 marks]

[8 markah]

INSTRUCTION:

This section consists of **ONE (1)** structured essay questions. Write your answers in the answer sheet form provided.

ARAHAN :

*Bahagian ini mengandungi **SATU (1)** soalan esei berstruktur. Tulis jawapan anda di dalam helaian kertas yang disediakan.*

SECTION B
BAHAGIAN B

QUESTION 1
SOALAN 1

CLO3
C3

1 (a) Explain **FIVE (5)** purpose of estimation.

*Terangkan **LIMA (5)** tujuan pengiraan awalan.*

[5 marks]

[5 markah]

CLO3
C4

1 (b). Based on the information given in **Table 1(b)** and given the increase of costing by 10% due to changes in the price of materials and labor costs, calculate the estimated cost of a new hostel construction which is expected to accommodate 2000 students.

*Berdasarkan maklumat yang diberi di dalam **Jadual 1(b)** dan mengambil kira kenaikan kos sebanyak 10% disebabkan oleh perubahan harga bahan dan kos buruh, kirakan anggaran kos untuk pembinaan sebuah hostel baru yang dijangka boleh memuatkan seramai 2000 pelajar.*

Table 1(b) / Jadual 1(b)

Hostel/Asrama	Number of students / <i>Bilangan pelajar</i>	Construction cost (RM)/ <i>Kos pembinaan (RM)</i>
Hostel X	2500	RM 3,500,000.00
Hostel Y	1500	RM 2,000,000.00

[10 marks]

[10 markah]

CLO3
C4

- 1 (c). You are appointed as a Quantity Surveyor for a hot water system installation project which involves Ms. Ariana's residences. Prepare a price rate calculation for the hot water system (**piping only**) based on **Figure 2: Hot water system schematic plan**:

*Anda telah dilantik sebagai Juruukur Bahan untuk projek pemasangan sistem pemanas air untuk rumah Pn. Ariana. Sediakan satu senarai harga untuk pemasangan sistem air panas (paip sahaja) berdasarkan **Rajah 2: Plan skematik sistem air panas**.*

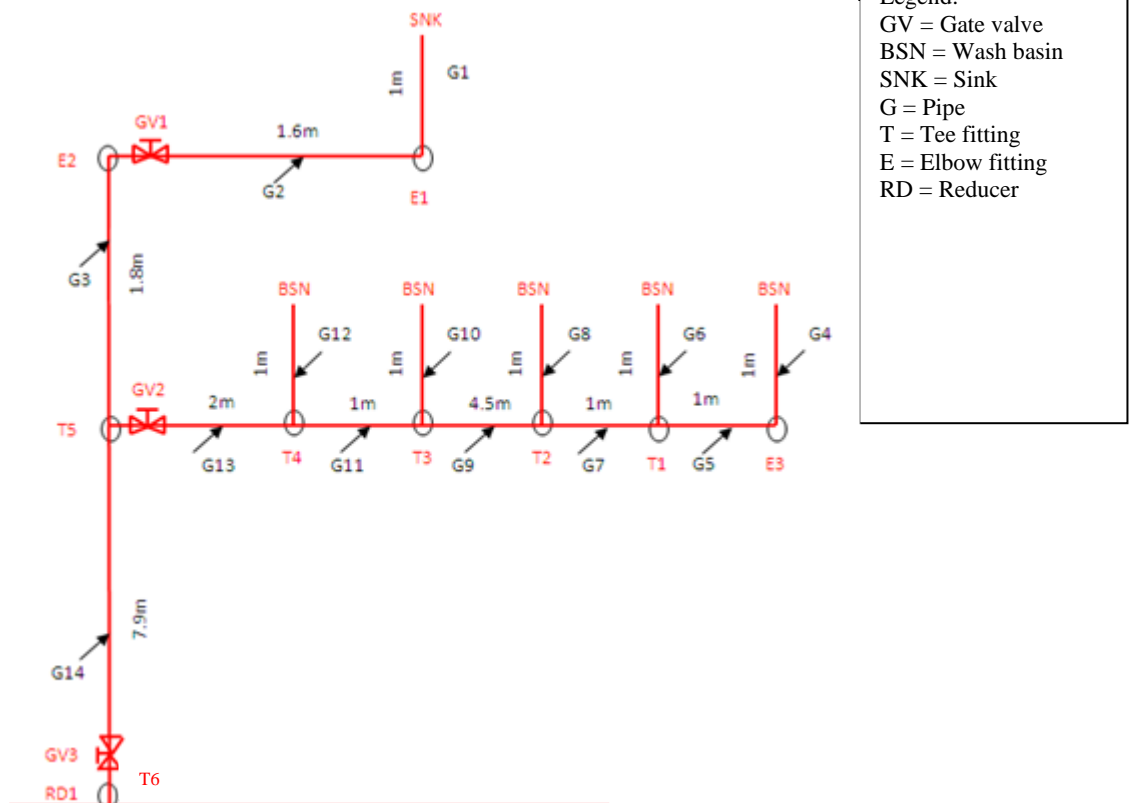


Figure 2 : Hot water system schematic plan / *Rajah 2 : Plan skematik sistem air panas*

[10 marks]

[10 markah]

SOALAN TAMAT