KEMENTERIAN EKONOMI
JABATAN PERANGKAAN MALAYSIA

# MALAYSIA

## SIARAN KHAS 3
*Special Release*

## (UNTUK KERJA-KERJA MEKANIKAL DAN ELEKTRIKAL)
*(For Mechanical and Electrical Works)*

## JANUARI 2025
*JANUARY*

**Pemakluman**

Jabatan Perangkaan Malaysia (DOSM) telah melancarkan OpenDOSM NextGen sebagai medium yang menyediakan katalog data dan visualisasi bagi memudahkan pengguna menganalisis pelbagai data dan boleh diakses melalui portal https://open.dosm.gov.my.

Kerajaan Malaysia telah mengisytiharkan Hari Statistik Negara (MyStats Day) pada 20 Oktober. Tema sambutan MyStats Day adalah "Statistik Nadi Kehidupan".

***Announcement***

*The Department of Statistics Malaysia (DOSM) has launched OpenDOSM NextGen as a medium that provides catalogue data and visualisations to facilitate users' analysis and can be accessed through https://open.dosm.gov.my.*

*The Government of Malaysia has declared National Statistics Day (MyStats Day) on October 20th. MyStats Day theme is "Statistics is the Essence of Life".*

**JABATAN PERANGKAAN MALAYSIA**
*DEPARTMENT OF STATISTICS MALAYSIA*

**Tarikh:** *Date:* **7 Februari** *February* **2025**

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**JADUAL**

*TABLE*

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**Jadual 1: Indeks harga seunit bagi *copper cables***

*Table 1: Unit price index for copper cables*

**(Januari 2023=100)**

*(January 2023=100)*

| **Item/** *Item* | **Tempoh** *Period* | **Kawasan** *Region* | | |
|---|---|---|---|---|
| | | **Semenanjung Malaysia** *Peninsular Malaysia* | **Sabah** | **Sarawak** |
| **1 *Copper Cables*** | | | | |
| **1.1 *Concealed/Surface wiring in conduit (per unit point)*** | **2024 Jan** | 103.3 | 95.9 | 101.6 |
| | **Feb** | 102.5 | 96.6 | 100.5 |
| | **Mac** | 103.4 | 96.3 | 101.4 |
| | **Apr** | 104.6 | 96.4 | 101.6 |
| | **Mei** | 105.9 | 98.0 | 105.1 |
| | **Jun** | 107.9 | 97.5 | 107.7 |
| | **Jul** | 108.3 | 97.5 | 107.8 |
| | **Ogos** | 109.0 | 93.4 | 104.5 |
| | **Sep** | 108.9 | 93.4 | 104.5 |
| | **Okt** | 107.7 | 94.2 | 105.6 |
| | **Nov** | 107.8 | 92.0 | 105.6 |
| | **Dis** | 107.8 | 92.0 | 105.6 |
| | **2025 Jan** | 107.8 | 92.0 | 105.6 |
| **1.2 *Cables in trunking (per meter run)*** | **2024 Jan** | 103.3 | 95.9 | 101.6 |
| | **Feb** | 102.5 | 96.6 | 100.5 |
| | **Mac** | 103.4 | 96.3 | 101.4 |
| | **Apr** | 104.6 | 96.4 | 101.6 |
| | **Mei** | 105.9 | 98.0 | 105.1 |
| | **Jun** | 107.9 | 97.5 | 107.7 |
| | **Jul** | 108.3 | 97.5 | 107.8 |
| | **Ogos** | 109.0 | 93.4 | 104.5 |
| | **Sep** | 108.9 | 93.4 | 104.5 |
| | **Okt** | 107.7 | 94.2 | 105.6 |
| | **Nov** | 107.8 | 92.0 | 105.6 |
| | **Dis** | 107.8 | 92.0 | 105.6 |
| | **2025 Jan** | 107.8 | 92.0 | 105.6 |
| **1.3 *Cables laid underground (per meter run)*** | **2024 Jan** | 100.8 | 101.1 | 99.7 |
| **1.3.i *120 sq. mm and above*** | **Feb** | 100.8 | 101.1 | 99.5 |
| | **Mac** | 102.0 | 101.5 | 100.3 |
| | **Apr** | 101.2 | 100.2 | 98.8 |
| | **Mei** | 100.7 | 99.4 | 99.4 |
| | **Jun** | 100.5 | 97.6 | 98.9 |
| | **Jul** | 100.8 | 97.6 | 98.9 |
| | **Ogos** | 101.0 | 97.8 | 97.3 |
| | **Sep** | 99.0 | 95.9 | 95.4 |
| | **Okt** | 97.5 | 95.4 | 94.9 |
| | **Nov** | 96.7 | 94.8 | 94.1 |
| | **Dis** | 96.7 | 94.8 | 94.1 |
| | **2025 Jan** | 96.7 | 94.8 | 94.1 |

**Nota:** **1.1 Turut dikenali sebagai *Concealed/Surface wiring using G.I conduit.***

**1.2 Turut dikenali sebagai *Cables in galvanized trunking* .**

*Note:* *1.1 Also known as Concealed/Surface wiring using G.I conduit.*

*1.2 Also known as Cables in galvanized trunking.*

**Jadual 1: Indeks harga seunit bagi *copper cables (samb.)***

*Table 1: Unit price index for copper cables (cont'd)*

**(Januari 2023=100)**

*(January 2023=100)*

| **Item/** *Item* | **Tempoh** *Period* | | **Kawasan** *Region* | | |
|---|---|---|---|---|---|
| | | | **Semenanjung Malaysia** *Peninsular Malaysia* | **Sabah** | **Sarawak** |
| **1 *Copper Cables*** | | | | | |
| **1.3 *Cables laid underground (per meter run)*** | **2024** | **Jan** | 101.7 | 104.3 | 100.0 |
| **1.3.ii *Below 120 sq. mm*** | | **Feb** | 101.4 | 104.5 | 99.6 |
| | | **Mac** | 102.3 | 104.5 | 100.4 |
| | | **Apr** | 102.9 | 105.2 | 100.5 |
| | | **Mei** | 104.1 | 105.9 | 103.3 |
| | | **Jun** | 105.6 | 102.8 | 105.8 |
| | | **Jul** | 105.8 | 102.8 | 105.8 |
| | | **Ogos** | 105.9 | 101.3 | 103.2 |
| | | **Sep** | 105.5 | 101.0 | 103.1 |
| | | **Okt** | 104.8 | 101.9 | 103.8 |
| | | **Nov** | 104.9 | 101.0 | 103.8 |
| | | **Dis** | 104.9 | 101.0 | 103.8 |
| | **2025** | **Jan** | 104.9 | 100.6 | 103.8 |
| **1.4 *Cables on tray/ladder (per meter run)*** | **2024** | **Jan** | 100.8 | 101.1 | 99.7 |
| **1.4.i *120 sq. mm and above*** | | **Feb** | 100.8 | 101.1 | 99.5 |
| | | **Mac** | 102.0 | 101.5 | 100.3 |
| | | **Apr** | 101.2 | 100.2 | 98.8 |
| | | **Mei** | 100.7 | 99.4 | 99.4 |
| | | **Jun** | 100.5 | 97.6 | 98.9 |
| | | **Jul** | 100.8 | 97.6 | 98.9 |
| | | **Ogos** | 101.0 | 97.8 | 97.3 |
| | | **Sep** | 99.0 | 95.9 | 95.4 |
| | | **Okt** | 97.5 | 95.4 | 94.9 |
| | | **Nov** | 96.7 | 94.8 | 94.1 |
| | | **Dis** | 96.7 | 94.8 | 94.1 |
| | **2025** | **Jan** | 96.7 | 94.8 | 94.1 |
| **1.4.ii *Below 120 sq. mm*** | **2024** | **Jan** | 101.7 | 104.3 | 100.0 |
| | | **Feb** | 101.4 | 104.5 | 99.6 |
| | | **Mac** | 102.3 | 104.5 | 100.4 |
| | | **Apr** | 102.9 | 105.2 | 100.5 |
| | | **Mei** | 104.1 | 105.9 | 103.3 |
| | | **Jun** | 105.6 | 102.8 | 105.8 |
| | | **Jul** | 105.8 | 102.8 | 105.8 |
| | | **Ogos** | 105.9 | 101.3 | 103.2 |
| | | **Sep** | 105.5 | 101.0 | 103.1 |
| | | **Okt** | 104.8 | 101.9 | 103.8 |
| | | **Nov** | 104.9 | 101.0 | 103.8 |
| | | **Dis** | 104.9 | 101.0 | 103.8 |
| | **2025** | **Jan** | 104.9 | 100.6 | 103.8 |

**Jadual 1: Indeks harga seunit bagi *copper cables (samb.)***

*Table 1: Unit price index for copper cables (cont'd)*

**(Januari 2023=100)**

*(January 2023=100)*

| **Item/** *Item* | **Tempoh** *Period* | | **Kawasan** *Region* | | |
|---|---|---|---|---|---|
| | | | **Semenanjung Malaysia** *Peninsular Malaysia* | **Sabah** | **Sarawak** |
| **1 *Copper Cables*** | | | | | |
| **1.5 *Busduct*** | **2024** | **Jan** | 100.0 | 100.0 | 100.0 |
| | | **Feb** | 100.0 | 100.0 | 100.0 |
| | | **Mac** | 100.0 | 100.0 | 100.0 |
| | | **Apr** | 100.0 | 100.0 | 100.0 |
| | | **Mei** | 100.0 | 100.0 | 100.0 |
| | | **Jun** | 100.0 | 100.0 | 100.0 |
| | | **Jul** | 100.0 | 100.0 | 100.0 |
| | | **Ogos** | 100.0 | 100.0 | 100.0 |
| | | **Sep** | 100.0 | 100.0 | 100.0 |
| | | **Okt** | 100.0 | 100.0 | 100.0 |
| | | **Nov** | 100.0 | 100.0 | 100.0 |
| | | **Dis** | 100.0 | 100.0 | 100.0 |
| | **2025** | **Jan** | 100.0 | 100.0 | 100.0 |

**Jadual 2: Indeks harga seunit bagi *switchgears***

*Table 2: Unit price index for switchgears*

**(Januari 2023=100)**

*(January 2023=100)*

| **Item/** *Item* | **Tempoh** *Period* | | **Kawasan** *Region* | | |
|---|---|---|---|---|---|
| | | | **Semenanjung Malaysia** *Peninsular Malaysia* | **Sabah** | **Sarawak** |
| **2 *Switchgears*** | | | | | |
| **2.1 *Switchgears (above 1kV)*** | **2024** | **Jan** | 100.0 | 100.3 | 100.0 |
| | | **Feb** | 100.0 | 98.6 | 100.0 |
| | | **Mac** | 100.0 | 98.6 | 100.0 |
| | | **Apr** | 100.0 | 98.6 | 100.0 |
| | | **Mei** | 100.0 | 98.6 | 100.0 |
| | | **Jun** | 100.0 | 98.6 | 100.0 |
| | | **Jul** | 100.0 | 98.6 | 100.0 |
| | | **Ogos** | 100.0 | 94.5 | 100.0 |
| | | **Sep** | 100.0 | 94.5 | 100.0 |
| | | **Okt** | 100.0 | 86.6 | 100.0 |
| | | **Nov** | 100.0 | 86.6 | 100.0 |
| | | **Dis** | 100.0 | 90.2 | 100.0 |
| | **2025** | **Jan** | 100.0 | 90.2 | 100.0 |
| **2.2 *LV Switchboards (Incomer breaker 600A and above)*** | **2024** | **Jan** | 121.7 | 107.0 | 100.0 |
| | | **Feb** | 121.7 | 107.1 | 100.0 |
| | | **Mac** | 121.7 | 107.1 | 100.0 |
| | | **Apr** | 122.7 | 107.1 | 100.0 |
| | | **Mei** | 122.8 | 107.4 | 100.0 |
| | | **Jun** | 122.8 | 109.6 | 100.0 |
| | | **Jul** | 122.8 | 109.6 | 100.0 |
| | | **Ogos** | 123.8 | 106.1 | 100.0 |
| | | **Sep** | 123.9 | 104.6 | 100.0 |
| | | **Okt** | 123.9 | 103.2 | 100.0 |
| | | **Nov** | 123.8 | 103.0 | 100.0 |
| | | **Dis** | 123.8 | 102.7 | 100.0 |
| | **2025** | **Jan** | 123.8 | 102.7 | 100.0 |
| **2.3 *LV Switchboards and Sub Switchboards (Incomer breaker below 600A)*** | **2024** | **Jan** | 121.7 | 107.0 | 100.0 |
| | | **Feb** | 121.7 | 107.1 | 100.0 |
| | | **Mac** | 121.7 | 107.1 | 100.0 |
| | | **Apr** | 122.7 | 107.1 | 100.0 |
| | | **Mei** | 122.8 | 107.4 | 100.0 |
| | | **Jun** | 122.8 | 109.6 | 100.0 |
| | | **Jul** | 122.8 | 109.6 | 100.0 |
| | | **Ogos** | 123.8 | 106.1 | 100.0 |
| | | **Sep** | 123.9 | 104.6 | 100.0 |
| | | **Okt** | 123.9 | 103.2 | 100.0 |
| | | **Nov** | 123.8 | 103.0 | 100.0 |
| | | **Dis** | 123.8 | 102.7 | 100.0 |
| | **2025** | **Jan** | 123.8 | 102.7 | 100.0 |

**Nota: 2.1 Turut dikenali sebagai *MV* dan *HT Switchgear.***

*Note: 2.1 Also known as MV and HT Switchgear.*

**Jadual 2: Indeks harga seunit bagi *switchgears (samb.)***

*Table 2: Unit price index for switchgears (cont'd)*

**(Januari 2023=100)**

*(January 2023=100)*

| **Item/** *Item* | **Tempoh** *Period* | **Kawasan** *Region* | | |
|---|---|---|---|---|
| | | **Semenanjung Malaysia** *Peninsular Malaysia* | **Sabah** | **Sarawak** |
| ***2 Switchgears*** | | | | |
| ***2.4 TPN & SPN Distribution Boards (Incomer breaker 100A and below and Feeder Pillars)*** | **2024 Jan** | 105.6 | 114.1 | 113.1 |
| | **Feb** | 105.6 | 114.1 | 113.1 |
| | **Mac** | 105.6 | 114.1 | 113.1 |
| | **Apr** | 105.6 | 114.1 | 113.1 |
| | **Mei** | 106.0 | 114.1 | 115.0 |
| | **Jun** | 106.0 | 114.1 | 115.0 |
| | **Jul** | 106.0 | 114.1 | 115.0 |
| | **Ogos** | 106.0 | 114.1 | 115.0 |
| | **Sep** | 106.0 | 114.1 | 115.0 |
| | **Okt** | 106.0 | 114.1 | 115.0 |
| | **Nov** | 106.0 | 114.1 | 115.0 |
| | **Dis** | 106.0 | 114.1 | 115.0 |
| | **2025 Jan** | 106.0 | 114.1 | 115.0 |

**Nota: 2.4 Turut dikenali sebagai *TPN & SPN Distribution Boards (Incomer breaker 100A and below) (Triple Pole and Neutral & Single Pole and Neutral Distribution Boards)***

*Note: 2.4 Also known as TPN & SPN Distribution Boards (Incomer breaker 100A and below) (Triple Pole and Neutral & Single Pole and Neutral Distribution Boards)*

**Jadual 3: Indeks harga seunit bagi *transformers***

*Table 3: Unit price index for transfomers*

**(Januari 2023=100)**

*(January 2023=100)*

| **Item/** *Item* | **Tempoh** *Period* | | **Kawasan** *Region* | | |
|---|---|---|---|---|---|
| | | | **Semenanjung Malaysia** *Peninsular Malaysia* | **Sabah** | **Sarawak** |
| **3** ***Transformers*** | | | | | |
| **3.1** ***Cast Resin Transformer*** | **2024** | **Jan** | 100.9 | 100.0 | 100.9 |
| | | **Feb** | 100.9 | 100.0 | 100.9 |
| | | **Mac** | 101.1 | 100.0 | 101.1 |
| | | **Apr** | 101.1 | 100.0 | 101.1 |
| | | **Mei** | 102.4 | 100.0 | 102.4 |
| | | **Jun** | 102.4 | 100.0 | 102.4 |
| | | **Jul** | 102.4 | 100.0 | 102.4 |
| | | **Ogos** | 102.2 | 100.0 | 102.2 |
| | | **Sep** | 102.1 | 100.0 | 102.1 |
| | | **Okt** | 102.1 | 100.0 | 102.1 |
| | | **Nov** | 104.2 | 100.0 | 104.2 |
| | | **Dis** | 104.2 | 100.0 | 104.2 |
| | **2025** | **Jan** | 102.9 | 100.0 | 102.9 |
| **3.2** ***Hermetically Sealed (oil filled) Transformer*** | **2024** | **Jan** | 100.0 | 100.0 | 100.0 |
| | | **Feb** | 100.0 | 100.0 | 100.0 |
| | | **Mac** | 100.0 | 100.0 | 100.0 |
| | | **Apr** | 100.0 | 100.0 | 100.0 |
| | | **Mei** | 100.0 | 100.0 | 100.0 |
| | | **Jun** | 100.0 | 100.0 | 100.0 |
| | | **Jul** | 100.0 | 100.0 | 100.0 |
| | | **Ogos** | 100.0 | 100.0 | 100.0 |
| | | **Sep** | 100.0 | 100.0 | 100.0 |
| | | **Okt** | 100.0 | 100.0 | 100.0 |
| | | **Nov** | 100.0 | 100.0 | 100.0 |
| | | **Dis** | 100.0 | 100.0 | 100.0 |
| | **2025** | **Jan** | 100.0 | 100.0 | 100.0 |

**Nota: 3.1 Turut dikenali sebagai *Low Loss Cast Resin Transformer.***
**3.2 Turut dikenali sebagai *Low Loss Hermetically Sealed (oil filled) Transformer.***

*Note: 3.1 Also known as Low Loss Cast Resin Transformer.*
*3.2 Also known as Low Loss Hermetically Sealed (oil filled) Transformer.*

**Jadual 4: Indeks harga seunit bagi *generators***

*Table 4: Unit price index for generators*

**(Januari 2023=100)**

*(January 2023=100)*

| **Item/** *Item* | **Tempoh** *Period* | **Kawasan** *Region* | | |
|---|---|---|---|---|
| | | **Semenanjung Malaysia** *Peninsular Malaysia* | **Sabah** | **Sarawak** |
| **4 *Generators*** | | | | |
| **4.1 *Generator Sets Ratings Above 500kVA*** | **2024 Jan** | 119.6 | 100.0 | 100.0 |
| | **Feb** | 119.6 | 100.0 | 100.0 |
| | **Mac** | 119.6 | 100.0 | 100.0 |
| | **Apr** | 119.6 | 100.0 | 100.0 |
| | **Mei** | 119.6 | 100.0 | 100.0 |
| | **Jun** | 119.6 | 100.0 | 100.0 |
| | **Jul** | 119.6 | 100.0 | 100.0 |
| | **Ogos** | 119.6 | 100.0 | 100.0 |
| | **Sep** | 119.6 | 100.0 | 100.0 |
| | **Okt** | 119.6 | 100.0 | 100.0 |
| | **Nov** | 119.6 | 100.0 | 100.0 |
| | **Dis** | 119.6 | 100.0 | 100.0 |
| | **2025 Jan** | 119.6 | 100.0 | 100.0 |
| **4.2 *Generator Sets Ratings 500kVA and below*** | **2024 Jan** | 100.0 | 100.0 | 100.0 |
| | **Feb** | 100.0 | 100.0 | 100.0 |
| | **Mac** | 100.0 | 100.0 | 100.0 |
| | **Apr** | 100.0 | 100.0 | 100.0 |
| | **Mei** | 100.0 | 100.0 | 100.0 |
| | **Jun** | 100.0 | 100.0 | 100.0 |
| | **Jul** | 100.0 | 100.0 | 100.0 |
| | **Ogos** | 100.0 | 100.0 | 100.0 |
| | **Sep** | 100.0 | 100.0 | 100.0 |
| | **Okt** | 100.0 | 100.0 | 100.0 |
| | **Nov** | 100.0 | 100.0 | 100.0 |
| | **Dis** | 100.0 | 100.0 | 100.0 |
| | **2025 Jan** | 100.0 | 100.0 | 100.0 |

**Nota: 4.1 Turut dikenali sebagai *Generator Ratings Above 500kVA*.**
**4.2 Turut dikenali sebagai *Generator Ratings 500kVA and below***

*Nota: 4.1 Also known as Generator Ratings Above 500kVA.*
*4.2 Also known as Generator Ratings 500kVA and below.*

**Jadual 5: Indeks harga seunit bagi *lightning protection system and earthing system***

*Table 5: Unit price index for lightning protection system and earthing system*

**(Januari 2023=100)**

*(January 2023=100)*

| **Item/** *Item* | **Tempoh** *Period* | | **Kawasan** *Region* | | |
|---|---|---|---|---|---|
| | | | **Semenanjung Malaysia** *Peninsular Malaysia* | **Sabah** | **Sarawak** |
| ***5 Lightning Protection System & Earthing System*** | | | | | |
| ***5.1 Lightning Protection System*** | **2024** | **Jan** | 96.0 | 101.8 | 161.6 |
| | | **Feb** | 96.0 | 101.8 | 161.6 |
| | | **Mac** | 96.0 | 101.5 | 161.6 |
| | | **Apr** | 96.0 | 102.7 | 161.6 |
| | | **Mei** | 96.0 | 104.6 | 165.1 |
| | | **Jun** | 96.0 | 103.9 | 165.1 |
| | | **Jul** | 96.0 | 103.9 | 165.1 |
| | | **Ogos** | 95.7 | 103.9 | 165.1 |
| | | **Sep** | 95.7 | 103.9 | 165.1 |
| | | **Okt** | 95.7 | 105.1 | 165.1 |
| | | **Nov** | 96.0 | 105.6 | 165.1 |
| | | **Dis** | 96.0 | 105.6 | 165.1 |
| | **2025** | **Jan** | 110.5 | 105.6 | 165.1 |
| ***5.2 Earthing System*** | **2024** | **Jan** | 96.0 | 101.8 | 161.6 |
| ***5.2.i Earthing System for Switchgears (above 1kV), Transformers, LV Switchboards and Sub Switchboards, Generator Sets, Feeder Pillars and Traffic Lights Controllers*** | | **Feb** | 96.0 | 101.8 | 161.6 |
| | | **Mac** | 96.0 | 101.5 | 161.6 |
| | | **Apr** | 96.0 | 102.7 | 161.6 |
| | | **Mei** | 96.0 | 104.6 | 165.1 |
| | | **Jun** | 96.0 | 103.9 | 165.1 |
| | | **Jul** | 96.0 | 103.9 | 165.1 |
| | | **Ogos** | 95.7 | 103.9 | 165.1 |
| | | **Sep** | 95.7 | 103.9 | 165.1 |
| | | **Okt** | 95.7 | 105.1 | 165.1 |
| | | **Nov** | 96.0 | 105.6 | 165.1 |
| | | **Dis** | 96.0 | 105.6 | 165.1 |
| | **2025** | **Jan** | 110.5 | 105.6 | 165.1 |
| ***5.2.ii Earthing System for Distribution Boards and others*** | **2024** | **Jan** | 96.0 | 101.8 | 161.6 |
| | | **Feb** | 96.0 | 101.8 | 161.6 |
| | | **Mac** | 96.0 | 101.5 | 161.6 |
| | | **Apr** | 96.0 | 102.7 | 161.6 |
| | | **Mei** | 96.0 | 104.6 | 165.1 |
| | | **Jun** | 96.0 | 103.9 | 165.1 |
| | | **Jul** | 96.0 | 103.9 | 165.1 |
| | | **Ogos** | 95.7 | 103.9 | 165.1 |
| | | **Sep** | 95.7 | 103.9 | 165.1 |
| | | **Okt** | 95.7 | 105.1 | 165.1 |
| | | **Nov** | 96.0 | 105.6 | 165.1 |
| | | **Dis** | 96.0 | 105.6 | 165.1 |
| | **2025** | **Jan** | 110.5 | 105.6 | 165.1 |

**Nota:** **5.2.i Turut dikenali sebagai *Earthing System for Main Switchboards and Sub Switchboards & Earthing System for Earthing system for MV Switchgears, Transformers, LV Switchboards and Sub Switchboards, Generator Sets, Feeder Pillars and Traffic lights controllers.***

*Note:* *5.2.i Also known as Earthing System for Main Switchboards and Sub Switchboards & Earthing System for Earthing system for MV Switchgears, Transformers, LV Switchboards and Sub Switchboards, Generator Sets, Feeder Pillars and Traffic lights controllers.*

**Jadual 6: Indeks harga seunit bagi a*ir conditioning system***
*Table 6: Unit price index for air conditioning system*

**(Januari 2023=100)**
*(January 2023=100)*

| **Item/** *Item* | **Tempoh** *Period* | | **Kawasan** *Region* | |
|---|---|---|---|---|
| | | | **Semenanjung Malaysia** *Peninsular Malaysia* | **Sabah & Sarawak** |
| ***6 Air Conditioning System*** | | | | |
| ***6.1 Water Cooled Chiller*** | **2024** | **Jan** | 100.0 | 100.0 |
| | | **Feb** | 100.0 | 100.0 |
| | | **Mac** | 100.0 | 100.0 |
| | | **Apr** | 100.0 | 100.0 |
| | | **Mei** | 100.0 | 100.0 |
| | | **Jun** | 100.0 | 100.0 |
| | | **Jul** | 100.0 | 100.0 |
| | | **Ogos** | 100.0 | 100.0 |
| | | **Sep** | 100.0 | 100.0 |
| | | **Okt** | 100.0 | 100.0 |
| | | **Nov** | 100.0 | 100.0 |
| | | **Dis** | 100.0 | 100.0 |
| | **2025** | **Jan** | 100.0 | 100.0 |
| ***6.2 Air Cooled Chiller*** | **2024** | **Jan** | 100.0 | 100.0 |
| | | **Feb** | 100.0 | 100.0 |
| | | **Mac** | 100.0 | 100.0 |
| | | **Apr** | 100.0 | 100.0 |
| | | **Mei** | 100.0 | 100.0 |
| | | **Jun** | 100.0 | 100.0 |
| | | **Jul** | 100.0 | 100.0 |
| | | **Ogos** | 100.0 | 100.0 |
| | | **Sep** | 100.0 | 100.0 |
| | | **Okt** | 100.0 | 100.0 |
| | | **Nov** | 100.0 | 100.0 |
| | | **Dis** | 100.0 | 100.0 |
| | **2025** | **Jan** | 100.0 | 100.0 |
| ***6.3 Water Cooled Package*** | **2024** | **Jan** | 100.0 | 100.0 |
| | | **Feb** | 100.0 | 100.0 |
| | | **Mac** | 100.0 | 100.0 |
| | | **Apr** | 100.0 | 100.0 |
| | | **Mei** | 100.0 | 100.0 |
| | | **Jun** | 100.0 | 100.0 |
| | | **Jul** | 100.0 | 100.0 |
| | | **Ogos** | 100.0 | 100.0 |
| | | **Sep** | 100.0 | 100.0 |
| | | **Okt** | 100.0 | 100.0 |
| | | **Nov** | 100.0 | 100.0 |
| | | **Dis** | 100.0 | 100.0 |
| | **2025** | **Jan** | 100.0 | 100.0 |

**Jadual 6: Indeks harga seunit bagi a*ir conditioning system* (samb.)**

*Table 6: Unit price index for air conditioning system (cont'd)*

**(Januari 2023=100)**

*(January 2023=100)*

| **Item/** *Item* | **Tempoh** *Period* | | **Kawasan** *Region* | |
|---|---|---|---|---|
| | | | **Semenanjung Malaysia** *Peninsular Malaysia* | **Sabah & Sarawak** |
| ***6 Air Conditioning System*** | | | | |
| ***6.4 Air Cooled Package*** | **2024** | **Jan** | 100.0 | 100.0 |
| | | **Feb** | 100.0 | 100.0 |
| | | **Mac** | 100.0 | 100.0 |
| | | **Apr** | 100.0 | 100.0 |
| | | **Mei** | 100.0 | 100.0 |
| | | **Jun** | 100.0 | 100.0 |
| | | **Jul** | 100.0 | 100.0 |
| | | **Ogos** | 100.0 | 100.0 |
| | | **Sep** | 100.0 | 100.0 |
| | | **Okt** | 100.0 | 100.0 |
| | | **Nov** | 100.0 | 100.0 |
| | | **Dis** | 100.0 | 100.0 |
| | **2025** | **Jan** | 100.0 | 100.0 |
| ***6.5 Split Unit System*** | **2024** | **Jan** | 100.0 | 100.0 |
| ***6.5.i Wall Mounted*** | | **Feb** | 100.0 | 100.0 |
| | | **Mac** | 100.0 | 100.0 |
| | | **Apr** | 100.0 | 100.0 |
| | | **Mei** | 100.0 | 100.0 |
| | | **Jun** | 100.0 | 100.0 |
| | | **Jul** | 100.0 | 100.0 |
| | | **Ogos** | 100.0 | 100.0 |
| | | **Sep** | 100.0 | 100.0 |
| | | **Okt** | 100.0 | 100.0 |
| | | **Nov** | 100.0 | 100.0 |
| | | **Dis** | 100.0 | 100.0 |
| | **2025** | **Jan** | 100.0 | 100.0 |
| ***6.5.ii Ceiling Cassette / Mounted*** | **2024** | **Jan** | 100.0 | 100.0 |
| | | **Feb** | 100.0 | 100.0 |
| | | **Mac** | 100.0 | 100.0 |
| | | **Apr** | 100.0 | 100.0 |
| | | **Mei** | 100.0 | 100.0 |
| | | **Jun** | 100.0 | 100.0 |
| | | **Jul** | 100.0 | 100.0 |
| | | **Ogos** | 100.0 | 100.0 |
| | | **Sep** | 100.0 | 100.0 |
| | | **Okt** | 100.0 | 100.0 |
| | | **Nov** | 100.0 | 100.0 |
| | | **Dis** | 100.0 | 100.0 |
| | **2025** | **Jan** | 100.0 | 100.0 |

**Jadual 6: Indeks harga seunit bagi a*ir conditioning system*  (samb.)**

*Table 6: Unit price index for air conditioning system (cont'd)*

**(Januari 2023=100)**

*(January 2023=100)*

| **Item/** *Item* | **Tempoh** *Period* | | **Kawasan** *Region* | |
|---|---|---|---|---|
| | | | **Semenanjung Malaysia** *Peninsular Malaysia* | **Sabah & Sarawak** |
| ***6 Air Conditioning System*** | | | | |
| ***6.6 VRV System*** | **2024** | **Jan** | 100.0 | 100.0 |
| ***6.6.i Indoor*** | | **Feb** | 100.0 | 100.0 |
| | | **Mac** | 100.0 | 100.0 |
| | | **Apr** | 100.0 | 100.0 |
| | | **Mei** | 100.0 | 100.0 |
| | | **Jun** | 100.0 | 100.0 |
| | | **Jul** | 100.0 | 100.0 |
| | | **Ogos** | 100.0 | 100.0 |
| | | **Sep** | 100.0 | 100.0 |
| | | **Okt** | 100.0 | 100.0 |
| | | **Nov** | 100.0 | 100.0 |
| | | **Dis** | 100.0 | 100.0 |
| | **2025** | **Jan** | 100.0 | 100.0 |
| ***6.6.ii Outdoor*** | **2024** | **Jan** | 100.0 | 100.0 |
| | | **Feb** | 100.0 | 100.0 |
| | | **Mac** | 100.0 | 100.0 |
| | | **Apr** | 100.0 | 100.0 |
| | | **Mei** | 100.0 | 100.0 |
| | | **Jun** | 100.0 | 100.0 |
| | | **Jul** | 100.0 | 100.0 |
| | | **Ogos** | 100.0 | 100.0 |
| | | **Sep** | 100.0 | 100.0 |
| | | **Okt** | 100.0 | 100.0 |
| | | **Nov** | 100.0 | 100.0 |
| | | **Dis** | 100.0 | 100.0 |
| | **2025** | **Jan** | 100.0 | 100.0 |

**Jadual 7: Indeks harga seunit bagi m*otor* *(pumpset)***

*Table 7: Unit price index for motor (pumpset)*

**(Januari 2023=100)**

*(January 2023=100)*

| **Item/** *Item* | **Tempoh** *Period* | | **Kawasan** *Region* | |
|---|---|---|---|---|
| | | | **Semenanjung Malaysia** *Peninsular Malaysia* | **Sabah & Sarawak** |
| ***7 Motor (Pumpset)*** | | | | |
| ***7.1 Condenser Water Pump*** | **2024** | **Jan** | 100.0 | 100.0 |
| | | **Feb** | 100.0 | 100.0 |
| | | **Mac** | 100.0 | 100.0 |
| | | **Apr** | 100.0 | 100.0 |
| | | **Mei** | 100.0 | 100.0 |
| | | **Jun** | 100.0 | 100.0 |
| | | **Jul** | 100.0 | 100.0 |
| | | **Ogos** | 100.0 | 100.0 |
| | | **Sep** | 100.0 | 100.0 |
| | | **Okt** | 100.0 | 100.0 |
| | | **Nov** | 100.0 | 100.0 |
| | | **Dis** | 100.0 | 100.0 |
| | **2025** | **Jan** | 100.0 | 100.0 |
| ***7.2 Chilled Water Pump*** | **2024** | **Jan** | 100.0 | 100.0 |
| | | **Feb** | 100.0 | 100.0 |
| | | **Mac** | 100.0 | 100.0 |
| | | **Apr** | 100.0 | 100.0 |
| | | **Mei** | 100.0 | 100.0 |
| | | **Jun** | 100.0 | 100.0 |
| | | **Jul** | 100.0 | 100.0 |
| | | **Ogos** | 100.0 | 100.0 |
| | | **Sep** | 100.0 | 100.0 |
| | | **Okt** | 100.0 | 100.0 |
| | | **Nov** | 100.0 | 100.0 |
| | | **Dis** | 100.0 | 100.0 |
| | **2025** | **Jan** | 100.0 | 100.0 |
| ***7.3 Hose Reel Pump*** | **2024** | **Jan** | 100.0 | 100.0 |
| | | **Feb** | 100.0 | 100.0 |
| | | **Mac** | 100.0 | 100.0 |
| | | **Apr** | 100.0 | 100.0 |
| | | **Mei** | 100.0 | 100.0 |
| | | **Jun** | 100.0 | 100.0 |
| | | **Jul** | 100.0 | 100.0 |
| | | **Ogos** | 100.0 | 100.0 |
| | | **Sep** | 100.0 | 100.0 |
| | | **Okt** | 100.0 | 100.0 |
| | | **Nov** | 100.0 | 100.0 |
| | | **Dis** | 100.0 | 100.0 |
| | **2025** | **Jan** | 100.0 | 100.0 |

# NOTA TEKNIKAL

*TECHNICAL NOTES*

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## NOTA TEKNIKAL

1. Indeks Kos Komponen Kerja-kerja Mekanikal dan Elektrikal (M&E) digunakan dalam Pelaksanaan Syarat Perubahan Harga dalam kontrak-kontrak kerja kerajaan. Indeks harga seunit diterbitkan mengikut tiga (3) kawasan iaitu Semenanjung Malaysia, Sabah dan Sarawak.

2. Spesifikasi untuk komponen mekanikal dan elektrikal terpilih ditentukan oleh Jabatan Kerja Raya (JKR) dan Lembaga Pembangunan Industri Pembinaan Malaysia (CIDB). Harga bagi komponen elektrikal diperoleh dari pungutan harga yang dibuat oleh Jabatan Perangkaan Malaysia. Bagi komponen mekanikal, harga diperoleh dari pembekal.

3. Mulai Januari 2025, Indeks Kos Komponen Kerja-kerja Mekanikal dan Elektrikal adalah berasaskan kepada tahun asas yang telah disemak semula, Januari 2023=100 (Tahun asas sebelumnya: Julai 2017=100).

4. Bagi kontrak-kontrak yang telah ditandatangani sebelum Januari 2025, sila lihat 'Jadual faktor pelarasan' **(Lampiran A)** dan 'Contoh mengira Indeks Lama Kos Bahan Binaan Bangunan' **(Lampiran B)** untuk panduan dalam Pelaksanaan Syarat Perubahan Harga. Bagi kontrak-kontrak mulai Januari 2025 dan seterusnya, indeks baru hendaklah digunakan terus tanpa sebarang pelarasan.

5. Jadual 1.5 (Busducts), Jadual 3.2 (Hermetically Sealed (oil filled) Transformer), Jadual 4 (Generators), Jadual 6 (Air-conditioning System) dan Jadual 7 (Motor Pumpset) sedang dalam tindakan pengemaskinian dan semakan semula spesifikasi item.

## *TECHNICAL NOTES*

1. *The Component Cost Index of the Mechanical and Electrical Works (M&E) is used in Special Provisions to the Conditions of Contract (Variation of Price) in government work contracts. The unit price indices are reported according to three (3) regions, that is Peninsular Malaysia, Sabah and Sarawak.*

2. *The specification of the selected mechanical and electrical components are determined by Public Works Department (JKR) and Construction Industry Development Board Malaysia (CIDB). The prices for electrical components are obtained from the price collection conducted by Department of Statistics, Malaysia. For components, the prices are obtained from the suppliers.*

3. *Starting from January 2025, the Index of Mechanical and Electrical Works Component Cost is based on the revised base year, January 2023=100 (Previous base: July 2017=100).*

4. *For contracts signed before January 2025, please refer to the 'Adjustment factor table'* ***(Appendix A)*** *and the 'Example for calculating the Old Building Materials Cost Index'* ***(Appendix B)*** *for the implementation of the Variation of Price. For contracts commencing January 2025 and thereafter, the new index is to be used without any further adjustment.*

5. *Table 1.5 (Busducts), Table 3.2 (Hermetically Sealed (oil filled) Transformer), Table 4 (Generators), Table 6 (Air-conditioning System) and Table 7 (Motor Pumpset) are currently undergoing updates and reviews of their item specifications.*

# LAMPIRAN

*APPENDIX*

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**Jadual faktor pelarasan**
*Adjustment factor table*

| **Komponen** *Component* | **Faktor pelarasan mengikut kawasan** *Adjustment factor by region* | | |
|---|---|---|---|
| | **Semenanjung Malaysia** | **Sabah** | **Sarawak** |
| **(1) *Copper Cables*** | | | |
| 1.1) *Concealed/Surface wiring in conduit (per unit point)* | 1.2002 | 1.0000 | 1.3596 |
| 1.2) *Cables in trunking (per meter run)* | 1.2002 | 1.0000 | 1.3596 |
| 1.3) *Cables laid underground (per meter run)* | | | |
| i) *120 sq. mm and above* | 1.1847 | 1.1153 | 1.2758 |
| ii) *Below 120 sq. mm* | 1.1755 | 1.0374 | 1.3836 |
| 1.4) *Cables on tray/ladder (per meter run)* | | | |
| i) *120 sq. mm and above* | 1.1847 | 1.1153 | 1.2758 |
| ii) *Below 120 sq. mm* | 1.1755 | 1.0374 | 1.3836 |
| 1.5) *Busduct* | 0.9770 | 1.0000 | 0.9770 |
| **(2) *Switchgears*** | | | |
| 2.1) *Switchgears (above 1kV)* | 1.0000 | 1.5334 | 1.0000 |
| 2.2) *LV Switchboards (Incomer breaker 600A and above)* | 1.2843 | 1.2598 | 1.0020 |
| 2.3) *LV Switchboards and Sub Switchboards (Incomer breaker below 600A)* | 1.2843 | 1.2598 | 1.0020 |
| 2.4) *TPN & SPN Distribution Boards (Incomer breaker 100A and below and Feeder Pillars)* | 1.1146 | 1.0000 | 1.1123 |
| **(3) *Transformers*** | | | |
| 3.1) *Cast Resin Transformer* | 1.0000 | 1.0000 | 1.0000 |
| 3.2) *Hermetically Sealed (Oil filled) Transformer* | 1.0129 | 1.0210 | 1.0220 |
| **(4) *Generators*** | | | |
| 4.1) *Generator Sets Ratings Above 500kVA* | 0.7124 | 1.0000 | 1.0000 |
| 4.2) *Generator Sets Ratings 500kVA and below* | 1.0000 | 1.0000 | 1.0000 |
| **(5) *Lightning Protection System & Earthing System*** | | | |
| 5.1) *Lightning Protection System* | 1.1073 | 1.2849 | 1.0000 |
| 5.2) *Earthing System* | | | |
| i) *Earthing System for Switchgears (above 1kV), Transformer, LV Switchboards and Sub Switchboards, Generator Sets, Feeder Pillars and Traffic Lights Controllers.* | 1.1073 | 1.2849 | 1.0000 |
| ii) *Earthing System for Distribution Boards and others* | 1.1073 | 1.2849 | 1.0000 |

**Jadual faktor pelarasan (samb.)**
*Adjustment factor table (cont'd)*

| **Komponen** *Component* | **Faktor pelarasan mengikut kawasan** *Adjustment factor by region* | |
|---|---|---|
| | **Semenanjung Malaysia** | **Sabah & Sarawak** |
| **(6) *Air Conditioning System*** | | |
| 6.1) *Water Cooled Chiller* | 1.0000 | 1.0000 |
| 6.2) *Air Cooled Chiller* | 1.0000 | 1.0000 |
| 6.3) *Water Cooled Package* | 1.0000 | 1.0000 |
| 6.4) *Air Cooled Package* | 1.0000 | 1.0000 |
| 6.5) *Split Unit System* | | |
| i) *Wall Mounted* | 1.0000 | 1.0000 |
| ii) *Ceiling Cassette / Mounted* | 1.0000 | 1.0000 |
| 6.6) *VRV System* | | |
| i) *Indoor* | 1.0000 | 1.0000 |
| ii) *Outdoor* | 1.0000 | 1.0000 |
| **(7) *Motor (Pumpset)*** | | |
| 7.1) *Condenser Water Pump* | 1.0080 | 1.0080 |
| 7.2) *Chilled Water Pump* | 1.0080 | 1.0080 |
| 7.3) *Hose Reel Pump* | 1.0060 | 1.0060 |

## Contoh pengiraan indeks lama M&E (Julai 2017=100) dengan menggunakan indeks baru M&E (Januari 2023=100)

## *Example for calculating the old M&E index (July 2017=100) using the new M&E index (January 2023=100)*

Contoh mengira indeks lama *Busducts* bagi bulan Januari 2023 untuk kawasan Semenanjung Malaysia adalah seperti berikut:

$I_j$ lama Januari 2023 = FP (seperti di **Lampiran A**) x $I_j$ baru Januari 2023

iaitu, indeks lama Januari 2023:
= 0.9770 x 100.0
= 97.7

di mana,
FP = Faktor Pelarasan
$I_j$ = Indeks bagi kategori bangunan j
j = 1, …… 8

*Example for calculating the old index of Busduct for the month of January 2023 for Peninsular Malaysia is as follows:*

*Old* $I_j$ *for January 2023 = AF (as in* ***Appendix A****) x new* $I_j$ *for January 2023*

*i.e. old index for January 2023:*
*= 0.9770 x 100.0*
*= 97.7*

*where,*
*AF = Adjustment Factor*
$I_j$ *= Index for building category j*
*j = 1,…..… 8*

**Lampiran C**
*Appendix C*

**Sasaran Tarikh Pengumuman Siaran Khas 3**
**(Untuk Kerja-Kerja Mekanikal dan Elektrikal), Malaysia, 2025**
*Scheduled Release Dates for Special Release 3*
*(For Mechanical and Electrical Works), Malaysia, 2025*

| **Tahun**<br>*Year* | **Bulan Rujukan**<br>*Reference Month* | **Tahun**<br>*Year* | **Tarikh Pengumuman**<br>*Release Date* |
|---|---|---|---|
| **2025** | **Januari**<br>*January* | **2025** | **07 Februari**<br>*07 February* |
| | **Februari**<br>*February* | | **11 Mac**<br>*11 March* |
| | **Mac**<br>*March* | | **10 April**<br>*10 April* |
| | **April**<br>*April* | | **09 Mei**<br>*09 May* |
| | **Mei**<br>*May* | | **12 Jun**<br>*12 June* |
| | **Jun**<br>*June* | | **10 Julai**<br>*10 July* |
| | **Julai**<br>*July* | | **12 Ogos**<br>*12 August* |
| | **Ogos**<br>*August* | | **11 September**<br>*11 September* |
| | **September**<br>*September* | | **09 Oktober**<br>*09 October* |
| | **Oktober**<br>*October* | | **11 November**<br>*11 November* |
| | **November**<br>*November* | | **10 Disember**<br>*10 December* |
| | **Disember**<br>*December* | **2025** | **12 Januari**<br>*12 January* |