



KEMENTERIAN EKONOMI  
JABATAN PERANGKAAN MALAYSIA

# STATISTIK **PEMBINAAN** SUKU TAHUNAN *Quarterly Construction Statistics*

## **2024**

**SUKU PERTAMA**  
*First Quarter*



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

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KEMENTERIAN EKONOMI  
JABATAN PERANGKAAAN MALAYSIA

# STATISTIK PEMBINAAN SUKU TAHUNAN

*Quarterly Construction Statistics*

SUKU PERTAMA **2024**  
*First Quarter*

## PEMAKLUMAN / ANNOUNCEMENT

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>.

DOSM akan menjalankan Banci Pertanian pada tahun 2024. Mohon layari <https://www.myagricensus.gov.my> untuk maklumat lanjut. Tema adalah "Banci Pertanian, Kunci Kemajuan Pertanian".

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

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

*DOSM will conduct the Agricultural Census in 2024. Please visit <https://www.myagricensus.gov.my> for more information. The theme is "Agriculture Census, Key to Agricultural Development".*

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



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# KATA PENGANTAR

Penerbitan ini memaparkan statistik bagi sektor pembinaan yang disusun daripada **Survei Pembinaan Suku Tahunan**. Kontraktor utama dengan projek bernilai RM500,000 dan ke atas yang berdaftar dengan Lembaga Pembangunan Industri Pembinaan (LPIP) Malaysia diliputi dalam survei ini.

Data yang dilaporkan adalah berdasarkan kepada nilai kerja pembinaan bagi tempoh rujukan suku tahun pertama 2008 hingga suku tahun pertama 2024. Ia juga memuatkan maklumat pembinaan mengikut jenis aktiviti, negeri dan pemilik projek iaitu kerajaan, swasta dan perbadanan awam. Data tersebut digunakan bagi tujuan membuat perancangan pembangunan dan penggubalan dasar serta pengunjuran dan analisis ekonomi oleh kerajaan dan penyelidik.

Nota teknikal berkaitan dengan objektif, skop dan liputan serta konsep dan definisi yang digunakan turut dimuatkan dalam penerbitan ini bagi meningkatkan kefahaman berkenaan dengan data tersebut.

Jabatan Perangkaan Malaysia merakamkan penghargaan atas kerjasama yang diberikan oleh responden dan juga semua pihak yang telah menyumbang secara langsung dan tidak langsung dalam menjayakan penerbitan ini. Setiap maklum balas dan cadangan untuk penambahbaikan penerbitan ini pada masa akan datang amat dihargai.

**DATO' SRI DR. MOHD UZIR MAHIDIN**

Ketua Perangkawan Malaysia

Mei 2024

## **PREFACE**

*This publication presents statistics for the construction sector, compiled from the **Quarterly Construction Survey**. Main contractor with projects worth RM500,000 and above, registered with the Construction Industry Development Board (CIDB) Malaysia is covered in this survey.*

*The data presented is based on the value of work done for the reference period from the first quarter 2008 to the first quarter 2024. It also presents the construction data by type of activity, state and project owner, namely government, private sector and public corporation. The data is used for planning and policy formulation as well as for economic projection and analysis by the government and researchers.*

*Technical notes related to the objective, scope and coverage together with concepts and definitions used, are also included in this publication to enhance the understanding of the data.*

*The Department of Statistics Malaysia gratefully acknowledges the co-operation rendered by the respondents as well as all parties who have contributed directly and indirectly in making this publication a success. Every feedback and suggestion towards improving future publication is highly appreciated.*

**DATO' SRI DR. MOHD UZIR MAHIDIN**

*Chief Statistician Malaysia*

*May 2024*

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**KALENDAR AWALAN KELUARAN 2024 STATISTIK PEMBINAAN SUKU TAHUNAN**  
**ADVANCE RELEASE CALENDAR YEAR 2024 QUARTERLY CONSTRUCTION STATISTICS**

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|--------------------------------------------------------|----------------------------------------------------|
| <b>Suku pertama 2024</b><br><i>First quarter 2024</i>  | <b>13 Mei 2024</b><br><i>13 May 2024</i>           |
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| <b>Suku ketiga 2024</b><br><i>Third quarter 2024</i>   | <b>11 November 2024</b><br><i>11 November 2024</i> |
| <b>Suku keempat 2024</b><br><i>Fourth quarter 2024</i> | <b>13 Februari 2025</b><br><i>13 February 2025</i> |

**Nota/Notes :**

**Merujuk kepada tarikh data disebarkan kepada media atau dalam penerbitan khusus.**  
*Refers to the date the data was disseminated to the media or in a specific publication.*

**Tarikh siaran tertakluk kepada pindaan.**  
*Release dates are subject to change.*

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The background of the slide is a sepia-toned photograph of a construction site. On the right side, there is a tall building under construction, completely encased in a dense network of metal scaffolding. To the left, a large tower crane is visible, its long jib extending across the upper part of the frame. The ground in the foreground is uneven and appears to be a mix of dirt and concrete. The overall atmosphere is one of active construction and development.

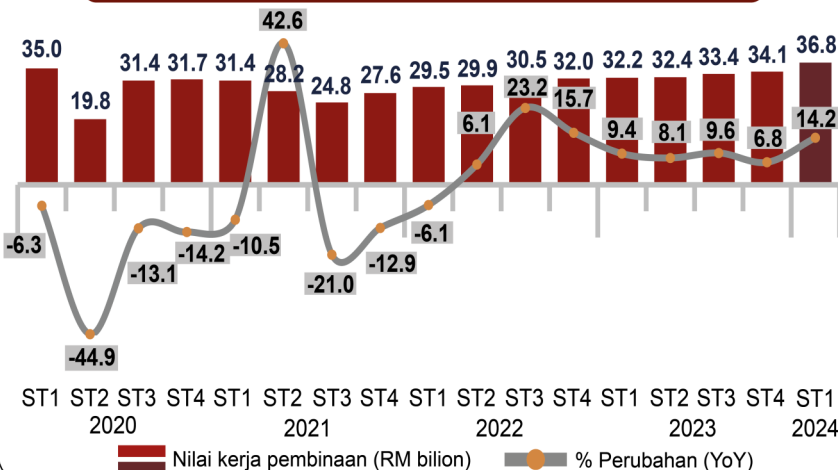
# **RINGKASAN PENEMUAN**

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## STATISTIK PEMBINAAN SUKU PERTAMA 2024

Nilai kerja dalam sektor Pembinaan mencatatkan peningkatan yang ketara sebanyak 14.2 peratus kepada RM36.8 bilion pada suku pertama 2024

### Nilai kerja pembinaan ST1 2020 - ST1 2024



### Nilai kerja pembinaan mengikut subsektor

YoY | QoQ

#### Bangunan kediaman

ST1 2024: 11.5% | ST1 2024: 9.2%  
ST4 2023: 2.3% | ST4 2023: -2.9%

#### Bangunan bukan kediaman

ST1 2024: 3.8% | ST1 2024: 7.9%  
ST4 2023: -1.9% | ST4 2023: 2.7%

#### Kejuruteraan awam

ST1 2024: 24.7% | ST1 2024: 5.8%  
ST4 2023: 18.0% | ST4 2023: 5.6%

#### Aktiviti pertukangan khas

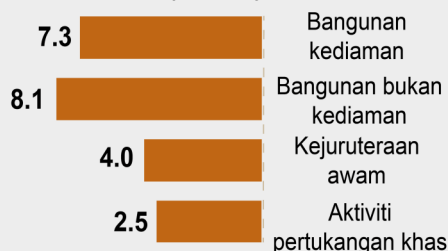
ST1 2024: 11.8% | ST1 2024: 12.4%  
ST4 2023: 0.3% | ST4 2023: -2.4%

### Nilai kerja pembinaan mengikut pemilik projek

#### Sektor Swasta

Sumbangan (%)  
59.2% (RM 21.8 bilion)

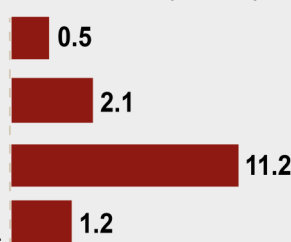
Nilai kerja pembinaan bagi  
Sektor Swasta (RM bil.)



#### Sektor Awam

Sumbangan (%)  
40.8% (RM 15.0 bilion)

Nilai kerja pembinaan bagi  
Sektor Awam (RM bil.)



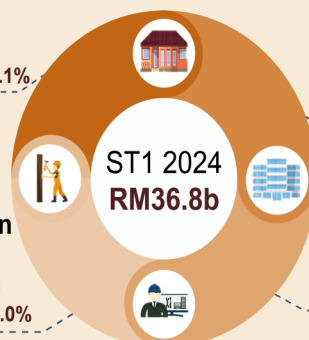
**Sektor swasta** kekal sebagai pemacu utama kepada pertumbuhan sektor Pembinaan pada ST1 2024

Bangunan kediaman  
RM7.8 bilion  
Sumbangan: 21.1%

Bangunan bukan kediaman  
RM10.2 bilion  
Sumbangan: 27.7%

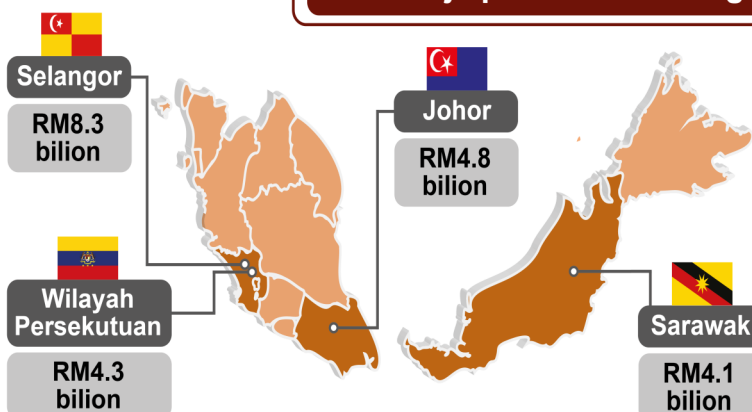
Aktiviti pertukangan khas  
RM3.7 bilion  
Sumbangan: 10.0%

Kejuruteraan awam  
RM15.1 bilion  
Sumbangan: 41.1%



Subsektor **Kejuruteraan awam** dan **Bangunan bukan kediaman** mewakili lebih dua pertiga daripada jumlah nilai kerja pembinaan pada ST1 2024

### Nilai kerja pembinaan mengikut lokasi projek, ST1 2024



#### Peratus sumbangan, ST1 2024



Hampir 58.4 peratus daripada nilai kerja pembinaan pada ST1 2024 tertumpu di **Selangor**, **Johor**, **Wilayah Persekutuan\***, dan **Sarawak**

Nota: \* Termasuk W.P. Kuala Lumpur, Labuan and Putrajaya



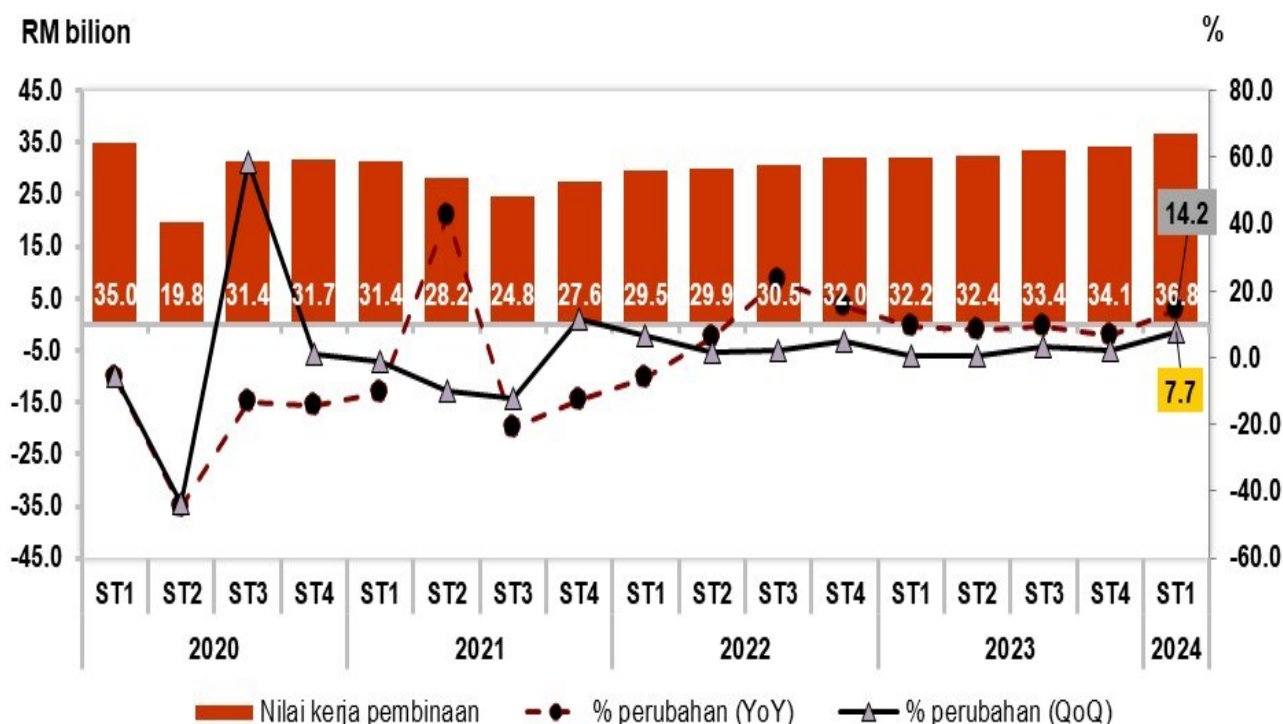
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# RINGKASAN PENEMUAN

## 1. Prestasi Sektor Pembinaan

Nilai kerja pembinaan pada suku pertama 2024 mencatatkan peningkatan yang ketara sebanyak 14.2 peratus (ST4 2023: 6.8%) berasaskan tahun ke tahun, dengan mencatatkan RM36.8 bilion (ST4 2023: RM34.1 bilion). Sementara itu, perbandingan suku tahun ke suku tahun menunjukkan nilai kerja pembinaan meningkat pada 7.7 peratus pada suku tahun pertama 2024 seperti di Carta 1.

**Carta 1: Nilai kerja pembinaan dan perubahan peratus, ST1 2020 - ST1 2024**

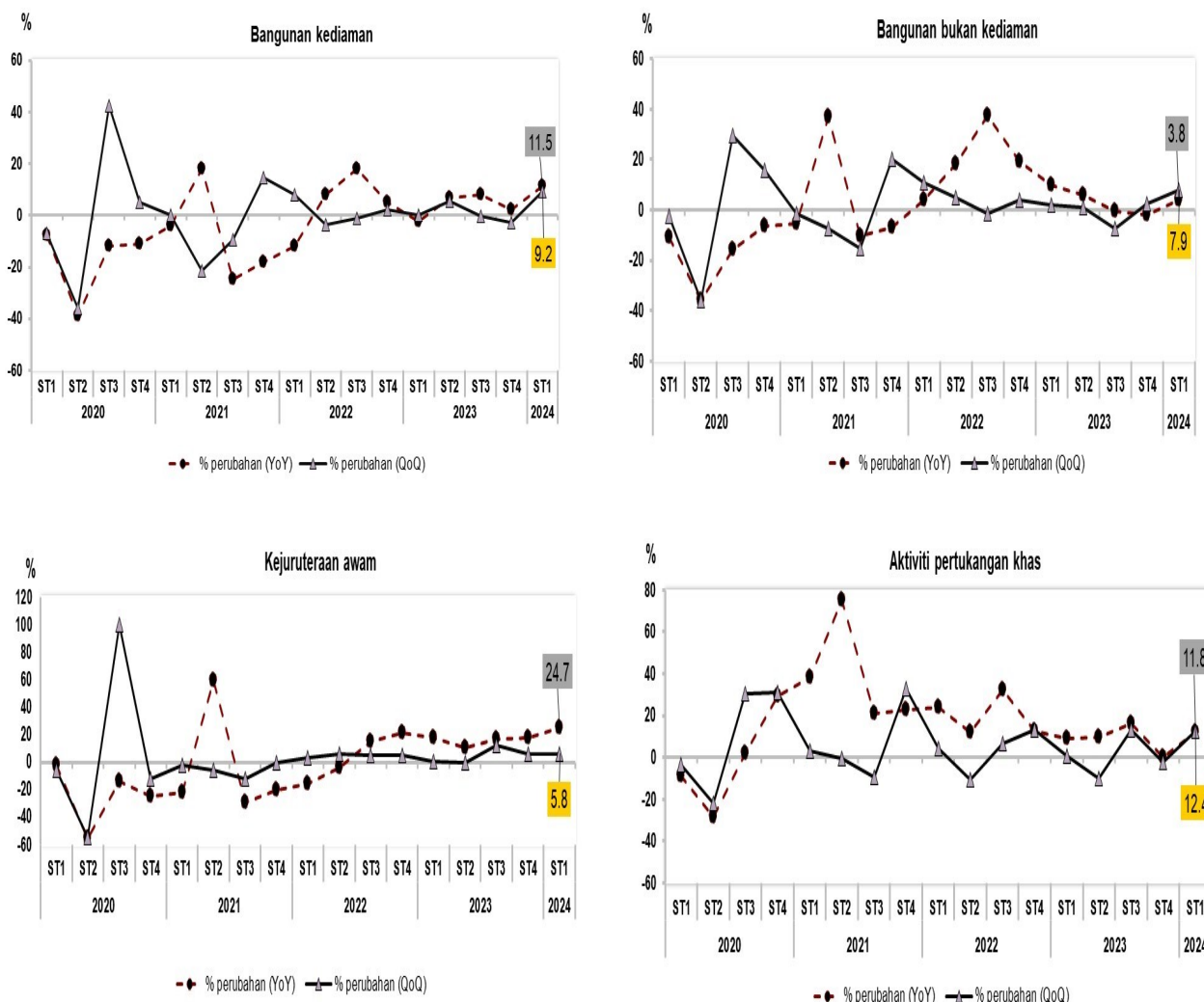


## 2. Prestasi mengikut Subsektor

Pertumbuhan dalam sektor Pembinaan pada suku pertama 2024 dipacu oleh momentum positif di semua subsektor. Pertumbuhan pada suku ini diperkukuh oleh pengembangan yang lebih baik dalam subsektor Kejuruteraan awam, yang meningkat sebanyak 24.7 peratus (ST4 2023: 18.0%). Pengembangan itu juga disokong oleh peningkatan dalam subsektor Aktiviti pertukangan khas dan subsektor Bangunan kediaman mencatatkan pertumbuhan dua digit masing-masing pada 11.8 peratus (ST4 2023: 0.3%) dan 11.5 peratus (ST4 2023: 2.3%). Pada masa yang sama, subsektor Bangunan bukan kediaman juga berkembang pada kadar lebih laju sebanyak 3.8 peratus (ST4 2023: -1.9%) seperti di Carta 2.

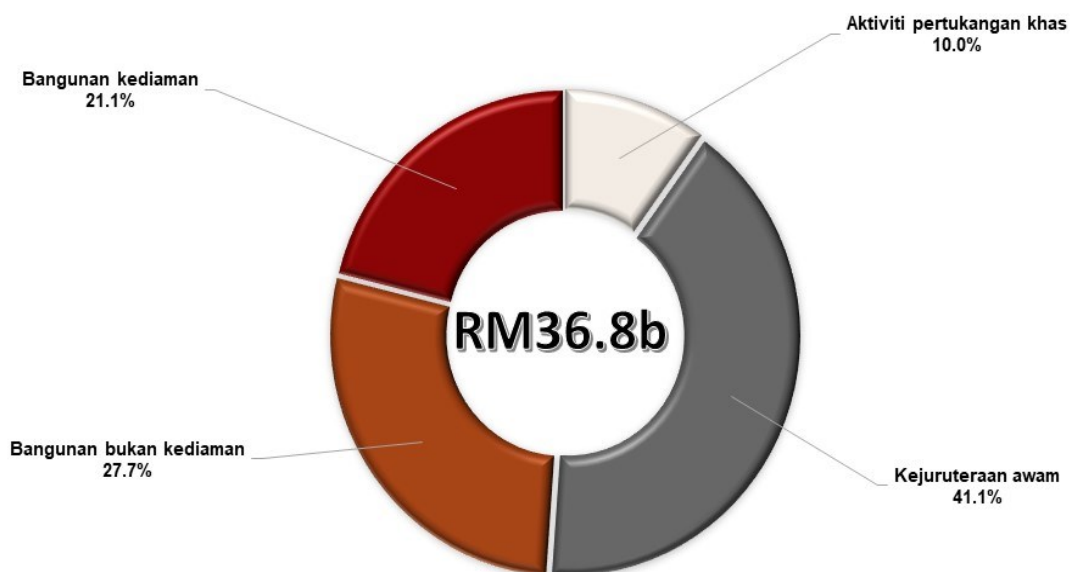
Subsektor Aktiviti pertukangan khas dan Bangunan kediaman memulih pada suku ini dengan merekodkan pertumbuhan yang positif dalam perbandingan suku ke suku tahun masing-masing pada 12.4 peratus (ST4 2023: -2.4%) dan 9.2 peratus (ST4 2023: -2.9%). Pada masa yang sama, subsektor Bangunan bukan kediaman dan Kejuruteraan awam kekal bertumbuh dengan masing-masing mencatatkan peningkatan sebanyak 7.9 peratus (ST4 2023: 2.7%) dan 5.8 peratus (ST4 2023: 5.6%) seperti di Carta 2.

**Carta 2: Perubahan peratus tahunan mengikut subsektor, ST1 2020 - ST1 2024**



Subsektor Kejuruteraan awam kekal sebagai penyumbang utama nilai kerja pembinaan, dengan sumbangan terbesar sebanyak 41.1 peratus, diikuti oleh subsektor Bangunan bukan kediaman dengan sumbangan sebanyak 27.7 peratus, manakala subsektor Bangunan kediaman dan Aktiviti pertukangan khas masing-masing menyumbang sebanyak 21.1 peratus dan 10.0 peratus seperti di Carta 3.

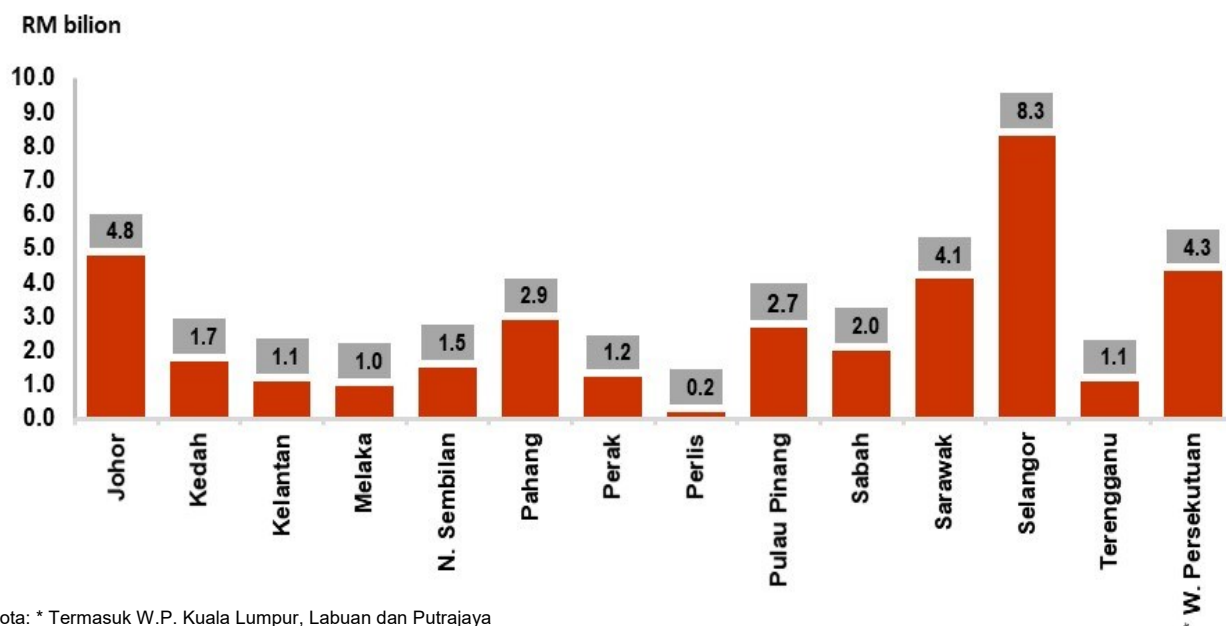
**Carta 3: Peratus sumbangan nilai kerja pembinaan mengikut subsektor, ST1 2024**



### 3. Nilai Kerja Pembinaan mengikut Lokasi Projek

Selangor merekodkan nilai kerja pembinaan tertinggi iaitu sebanyak RM8.3 bilion atau 22.6 peratus. Sementara itu, Johor menduduki tempat kedua dengan sejumlah RM4.8 bilion atau 13.0 peratus. Seterusnya, diikuti oleh Wilayah Persekutuan dan Sarawak dengan masing-masing mencatatkan nilai kerja pembinaan pada RM4.3 bilion dan RM4.1 bilion. Keempat-empat negeri ini secara kolektif menyumbang RM21.5 bilion atau 58.4 peratus daripada nilai kerja pembinaan seperti di Carta 4.

**Carta 4: Nilai kerja pembinaan mengikut lokasi projek, ST1 2024**

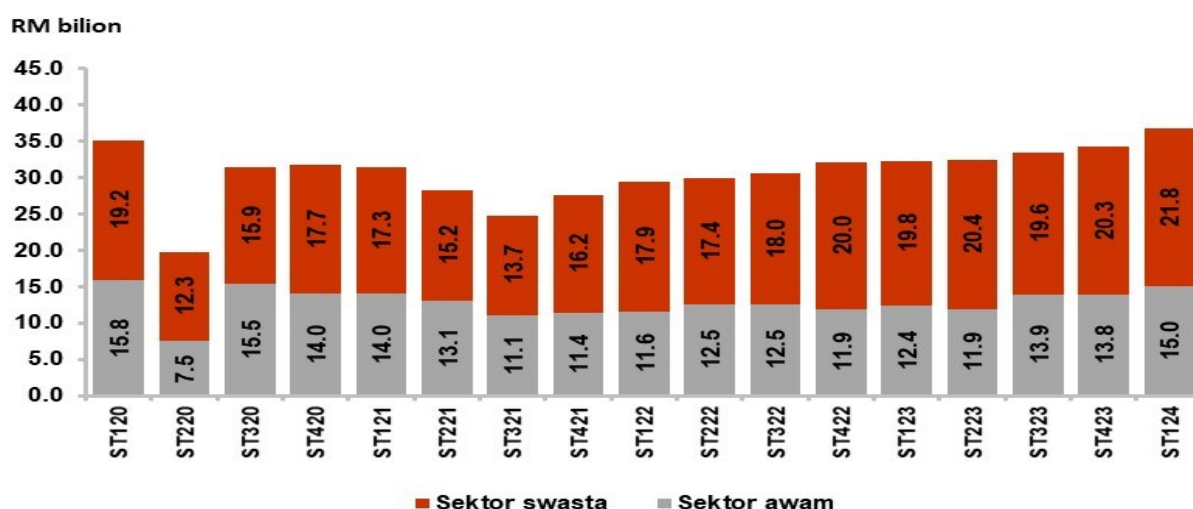


Nota: \* Termasuk W.P. Kuala Lumpur, Labuan dan Putrajaya

#### 4. Pembinaan mengikut Pemilik Projek

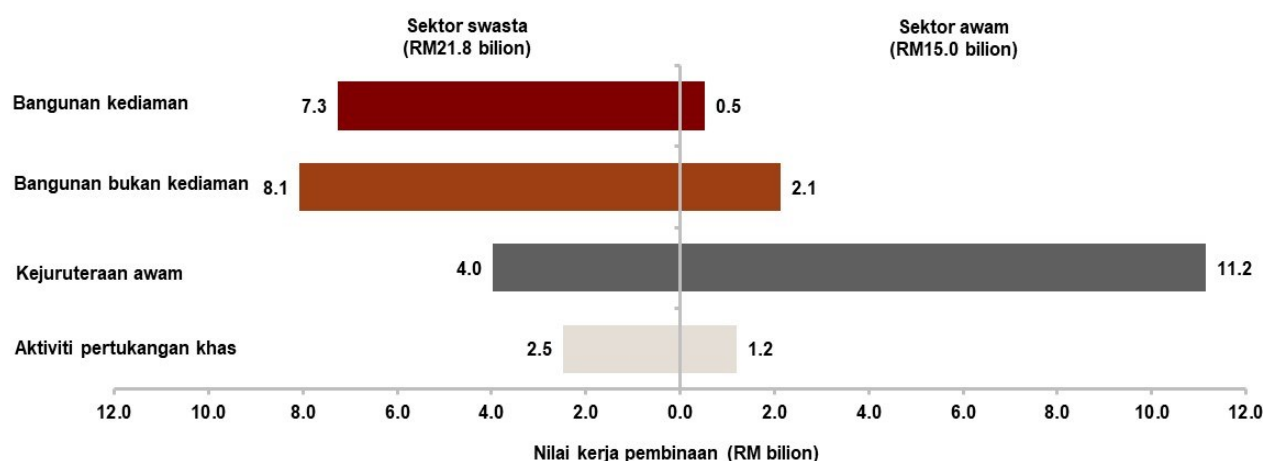
Sektor swasta kekal sebagai pendorong utama dengan meningkat 10.1 peratus (ST4 2023: 1.4%) dengan menyumbang 59.2 peratus atau RM21.8 bilion daripada keseluruhan nilai kerja pembinaan dan sektor awam turut menunjukkan peningkatan dua digit kepada 20.6 peratus (ST4 2023: 15.9%) dengan sumbangan 40.8 peratus atau RM15.0 bilion daripada keseluruhan nilai kerja pembinaan seperti di Carta 5.

**Carta 5: Nilai kerja pembinaan mengikut pemilik projek, ST1 2020 - ST1 2024**



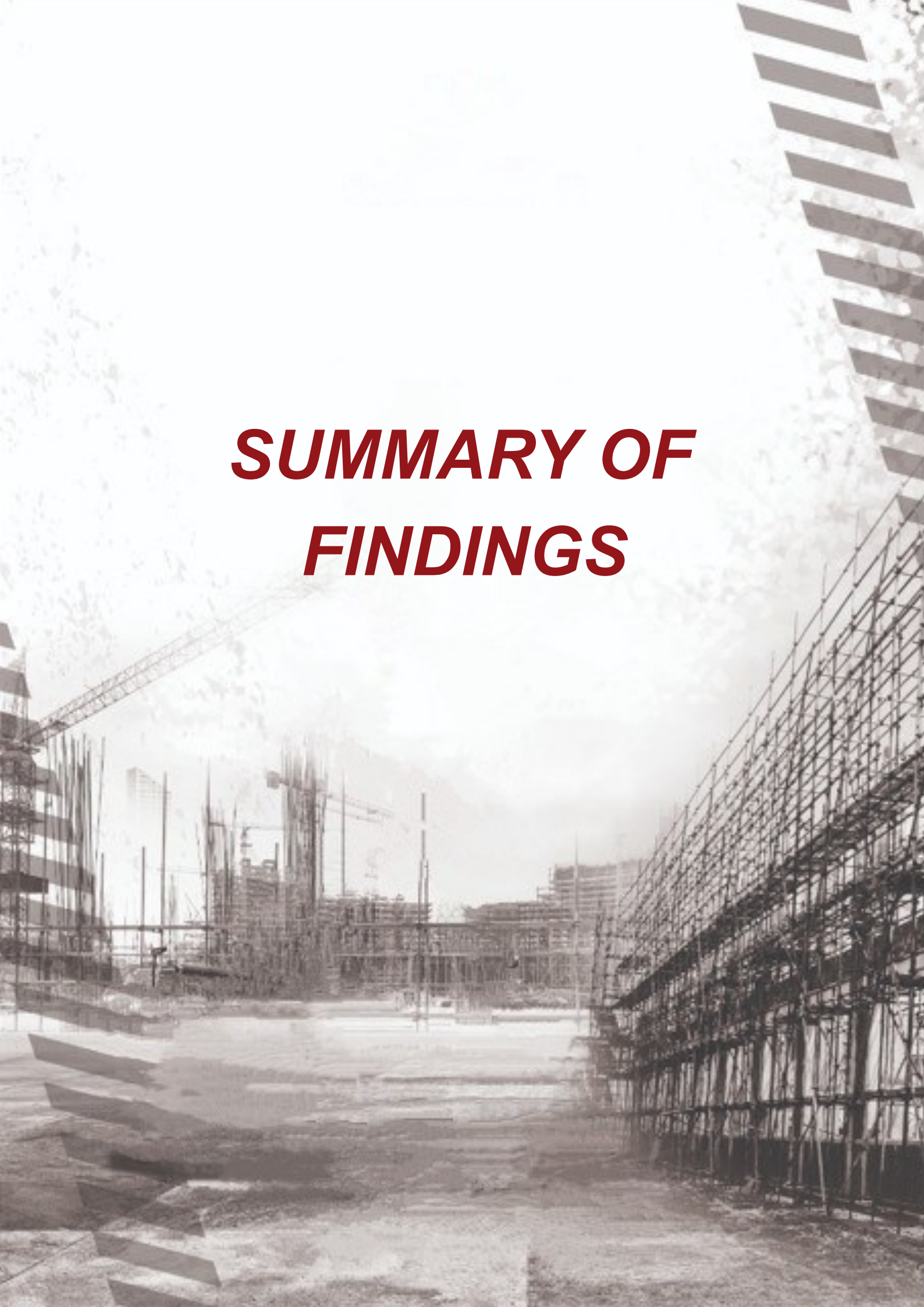
Nilai kerja pembinaan subsektor Bangunan bukan kediaman dan Bangunan kediaman kekal signifikan bagi projek yang dimiliki sektor swasta iaitu masing-masing menyumbang sebanyak 37.1 peratus (RM8.1 bilion) dan 33.3 peratus (RM7.3 bilion). Selain itu, projek milikan sektor awam pula disokong oleh subsektor Kejuruteraan awam dengan sumbangan sebanyak 74.4 peratus (RM11.2 bilion) seperti di Carta 6.

**Carta 6: Nilai kerja pembinaan mengikut pemilik projek dan subsektor, ST1 2024**





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The background of the page is a faded, sepia-toned photograph of a large-scale construction project. On the right side, a tall building is completely encased in a dense network of metal scaffolding. To the left, a construction crane is visible, its long jib extending across the upper portion of the frame. The ground in the foreground appears to be a dirt or gravel construction site. The overall image has a historical or archival feel.

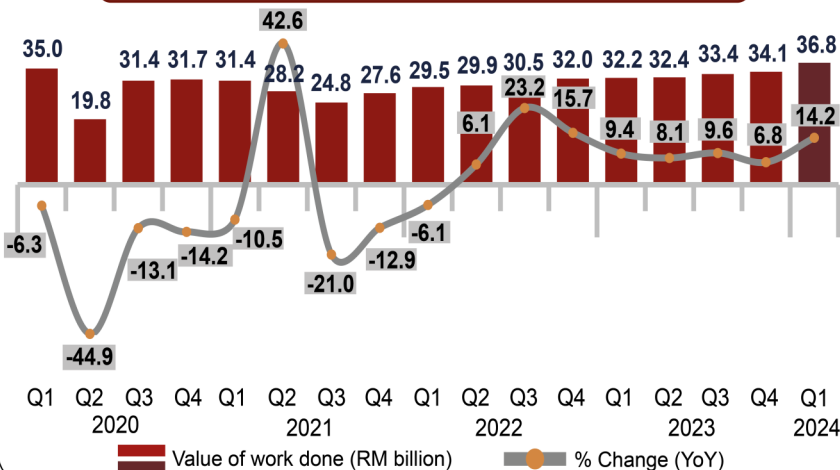
# ***SUMMARY OF FINDINGS***

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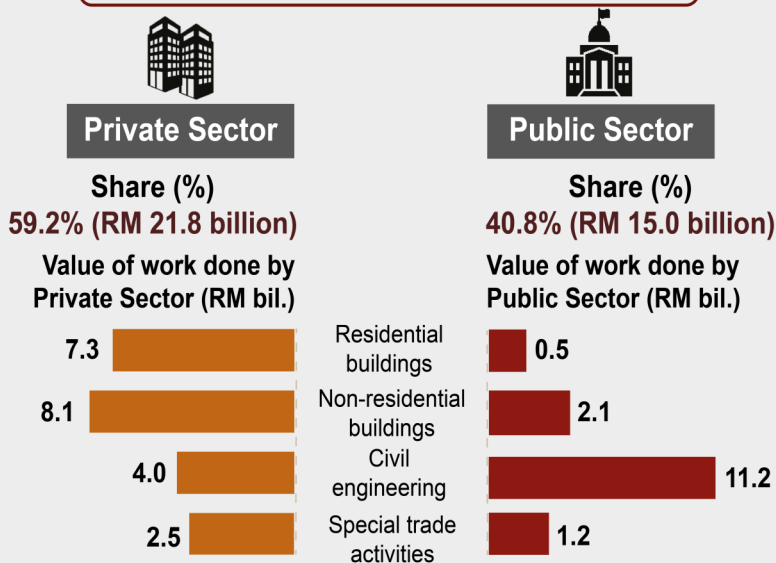
# CONSTRUCTION STATISTICS FIRST QUARTER OF 2024

The Construction sector work done value recorded a notable surge of 14.2 per cent to RM36.8 billion in the first quarter of 2024

## Value of work done Q1 2020 - Q1 2024

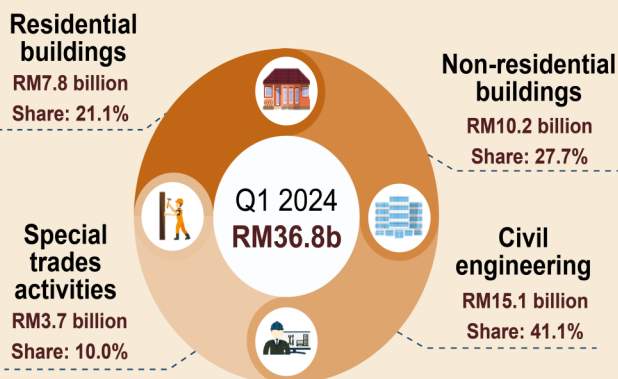
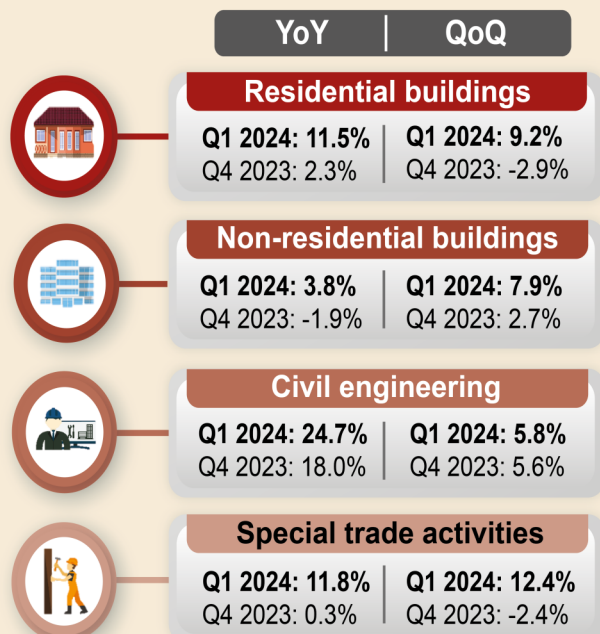


## Value of work done by project owner



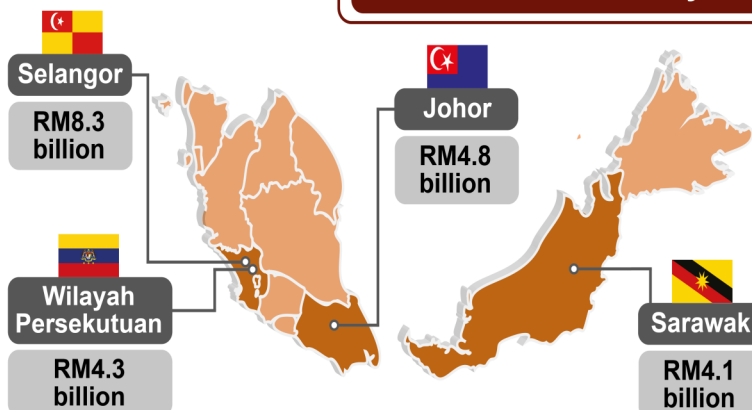
**Private sector** remained the main impetus to the growth of the Construction sector in Q1 2024

## Value of work done by sub-sector

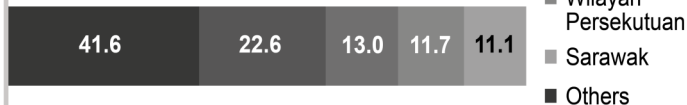


The **Civil engineering** and **Non-residential buildings** sub-sectors represented over two-thirds of the total value of work done in Q1 2024

## Value of work done by location of project, Q1 2024



### Percentage Share, Q1 2024



Nearly 58.4 per cent of the work done value in Q1 2024 was concentrated in **Selangor, Johor, Wilayah Persekutuan\*, and Sarawak**

Note: \* Include W.P. Kuala Lumpur, Labuan and Putrajaya

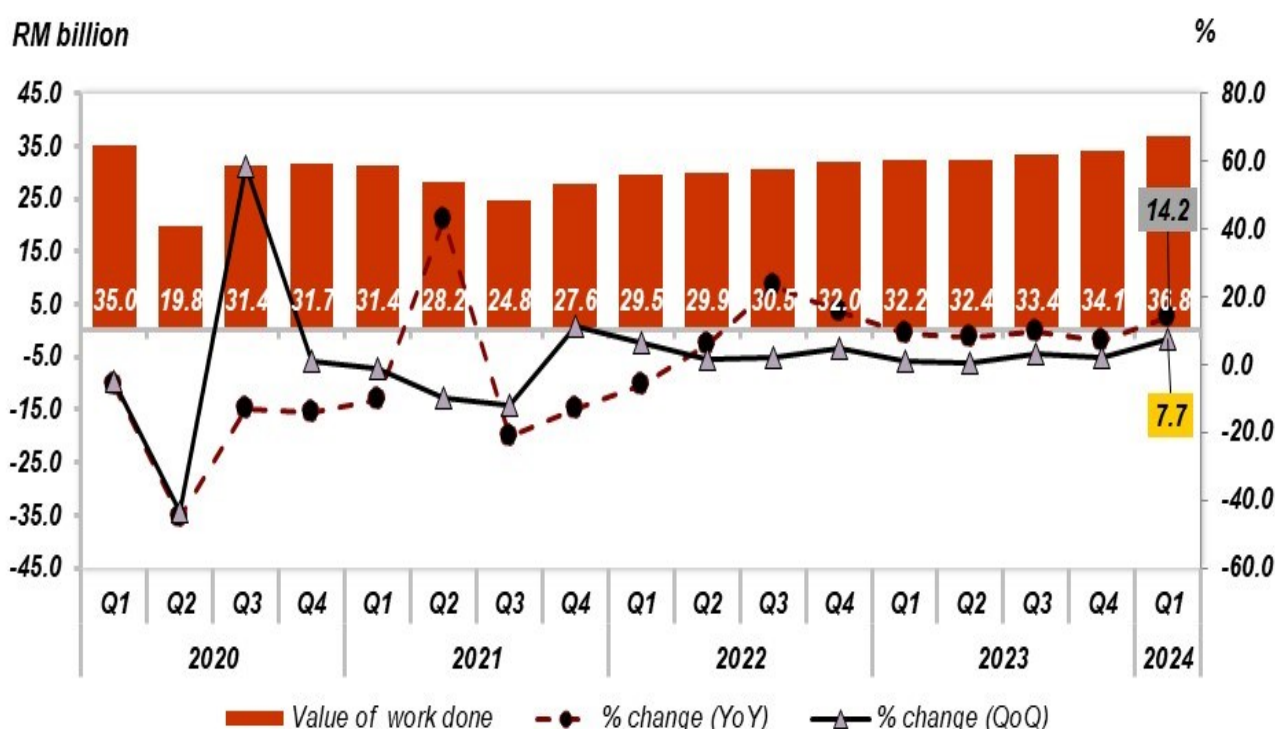
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# SUMMARY OF FINDINGS

## 1. Performance of The Construction Sector

The value of construction work in the first quarter of 2024 recorded a notable surge of 14.2 per cent (Q4 2023: 6.8%) on a year-on-year basis, recorded to RM36.8 billion (Q4 2023: RM34.1 billion). Meanwhile, a quarter-on-quarter comparison showed the value of Construction work done increased by 7.7 per cent in the first quarter of 2024 as in Chart 1.

**Chart 1: Value of work done and percentage change, Q1 2020 - Q1 2024**



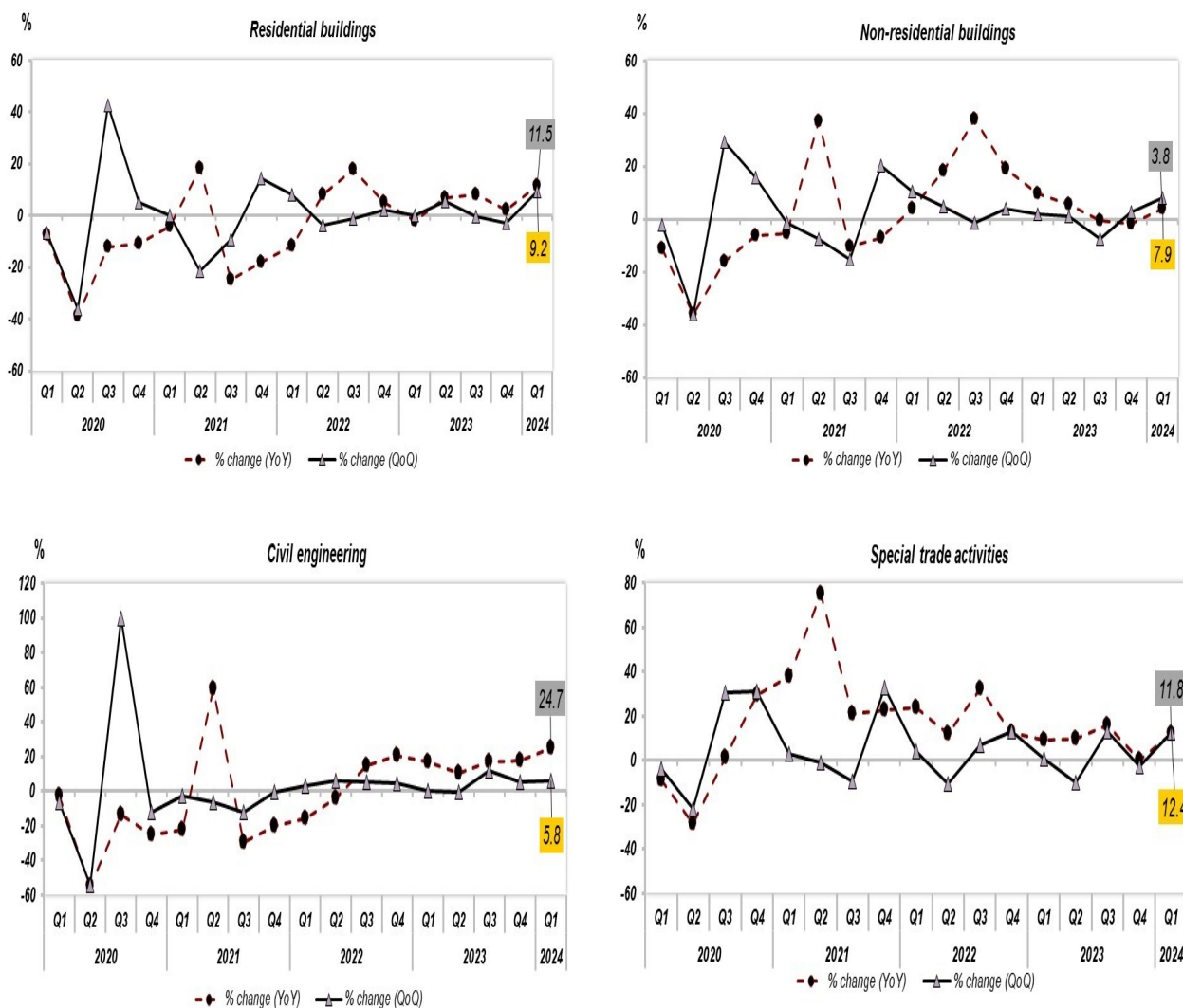
## 2. Performance by Sub-sector

The increment of the Construction sector in the first quarter of 2024 was driven by positive momentum in all sub-sectors. The growth in the quarter was underpinned by improved expansion in the Civil engineering sub-sector, which increased by 24.7 per cent (Q4 2023: 18.0%). The expansion was also supported by an increased in the Special trade activities and the Residential building sub-sector recorded double-digit growth at 11.8 per cent (Q4 2023: 0.3%) and 11.5 per cent (Q4 2023: 2.3%) respectively. In the meantime, the Non-residential buildings sub-sector also expanded at a faster pace of 3.8 per cent (Q4 2023: -1.9%) as in Chart 2.



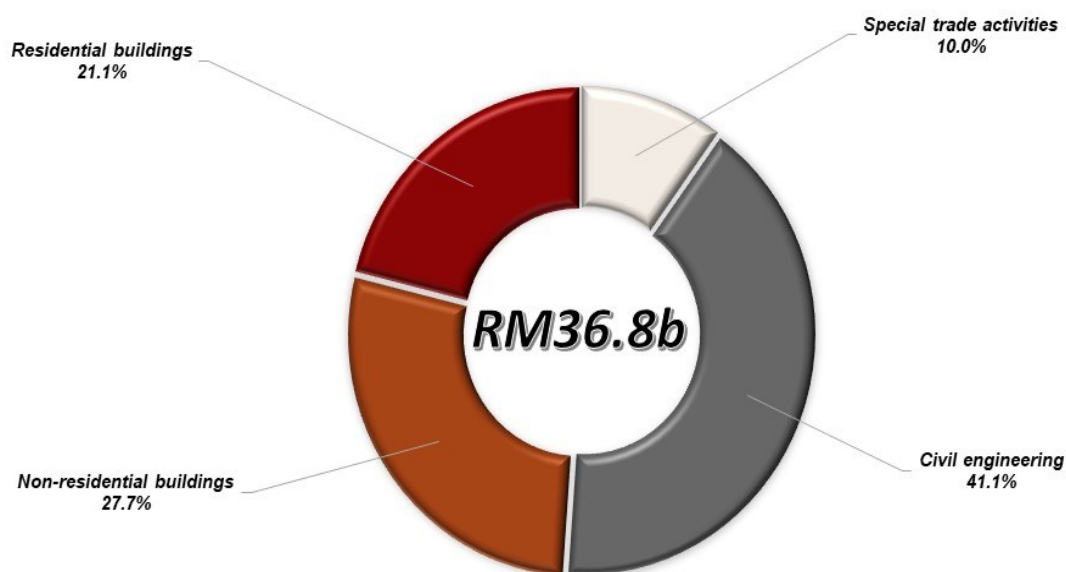
Special trade activities and Residential buildings sub-sectors rebounded in this quarter by recording positive growth in a quarter-on-quarter comparison of 12.4 per cent (Q4 2023: -2.4%) and 9.2 per cent (Q4 2023: -2.9%) respectively. In the meantime, Non-residential buildings and Civil engineering sub-sectors remained increased by 7.9 per cent (Q4 2023: 2.7%) and 5.8 per cent (Q4 2023: 5.6%) respectively as in Chart 2.

**Chart 2: Annual percentage change by sub-sector, Q1 2020 - Q1 2024**



Civil engineering sub-sector remained as the main contributor to the overall value of construction work done, holding the largest share of 41.1 per cent, followed by Non-residential buildings sub-sector with a share of 27.7 per cent, while Residential buildings and Special trade activities sub-sectors contributed 21.1 per cent and 10.0 per cent respectively as in Chart 3.

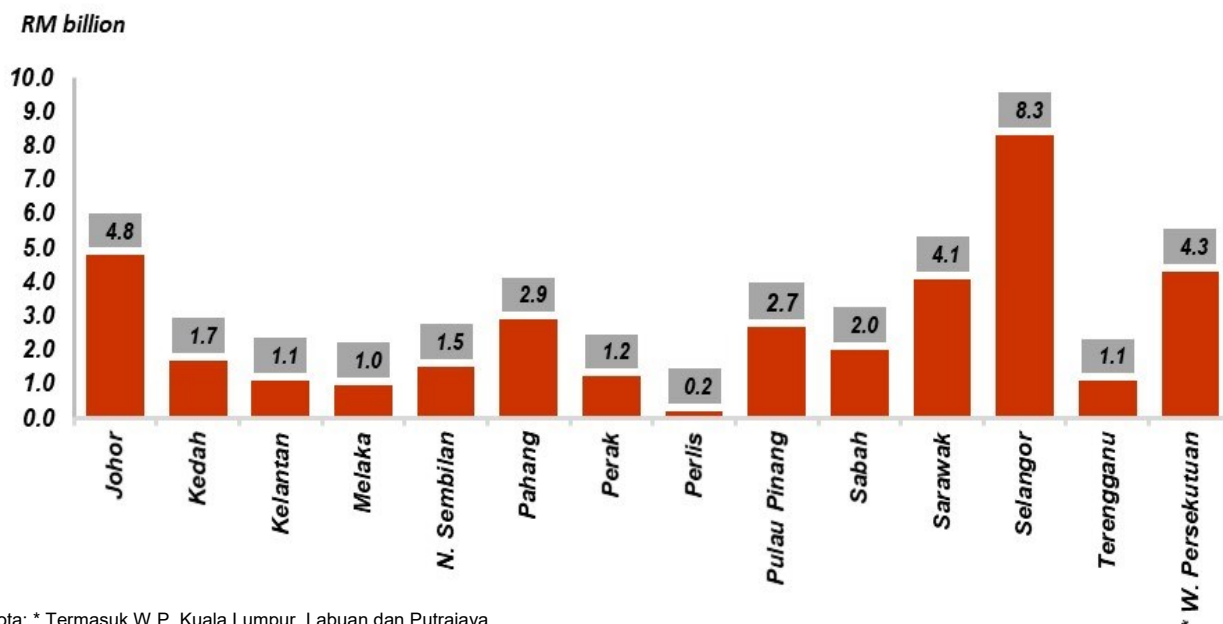
**Chart 3: Percentage share value of work done by sub-sector, Q1 2024**



### 3. Value of Work Done by Location of Project

Selangor recorded the highest value of Construction work done at RM8.3 billion or 22.6 per cent. Meanwhile, Johor ranked second with a value of RM4.8 billion or 13.0 per cent. Next, followed by the Wilayah Persekutuan and Sarawak with the value of Construction work done at RM4.3 billion and RM4.1 billion respectively. These four states collectively made up RM21.5 billion or 58.4 per cent of the total value work of done as in Chart 4.

**Chart 4: Value of work done by location of project, Q1 2024**

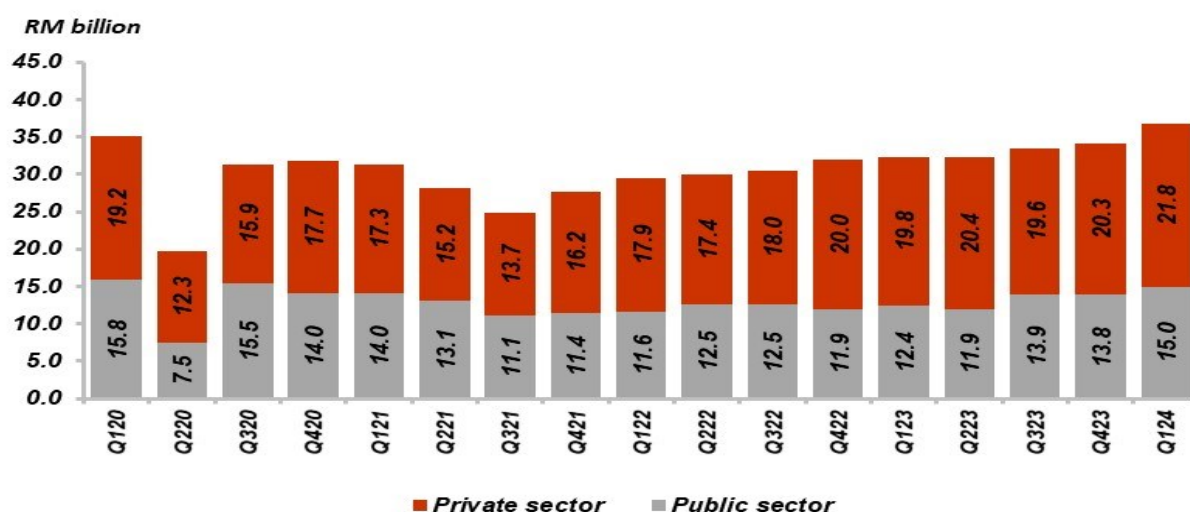


Nota: \* Termasuk W.P. Kuala Lumpur, Labuan dan Putrajaya

#### 4. Construction by Project Owner

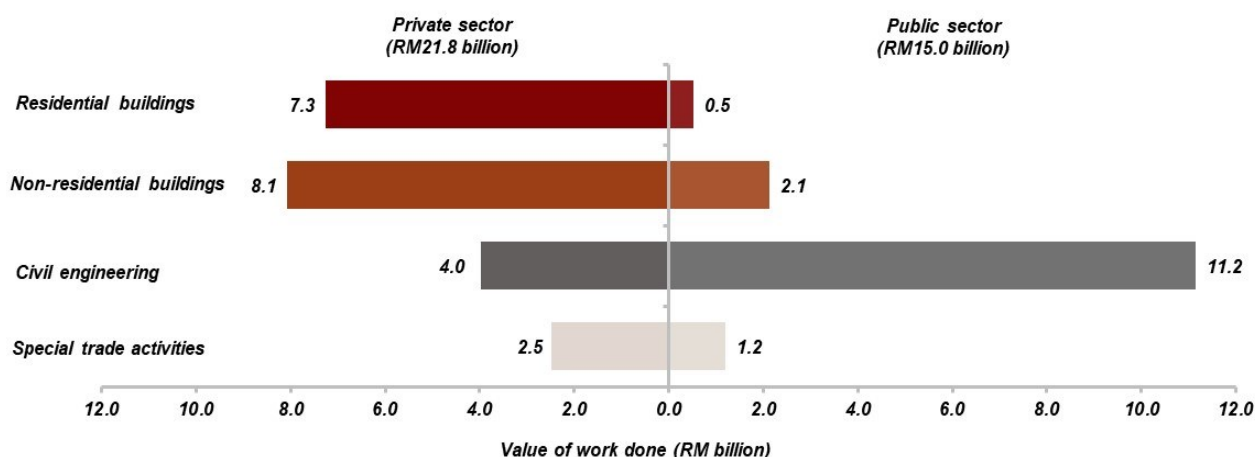
The private sector remained as main contributor with an increase of 10.1 per cent (Q4 2023: 1.4%) by contributing 59.2 per cent or RM21.8 billion of the total Construction work done value and the public sector also showed a double-digit increased to 20.6 per cent (Q4 2023: 15.9%) with a contribution of 40.8 per cent or RM15.0 billion from the total Construction work done value as in Chart 5.

**Chart 5: Value of work done by project owner , Q1 2020 - Q1 2024**



The value of work done in Non-residential buildings and Residential buildings sub-sectors remained significant in the project owned by the private sector which contributed 37.1 per cent (RM8.1 billion) and 33.3 per cent (RM7.3 billion) respectively. Meanwhile, the project owned by the public sector was underpinned by the Civil engineering sub-sector with a share of 74.4 per cent (RM11.2 billion) as in Chart 6.

**Chart 6: Value of work done by project owner and sub-sector, Q1 2024**



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# **JADUAL** ***TABLES***

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# 1 Nilai kerja pembinaan mengikut jenis aktiviti, Malaysia, ST1 2024

Value of work done by type of activity, Malaysia, Q1 2024

| Jenis Aktiviti Pembinaan<br>Type of Construction Activity                                                                          | Kod MSIC<br>MSIC Code | Nilai kerja pembinaan<br>Value of work done |              |
|------------------------------------------------------------------------------------------------------------------------------------|-----------------------|---------------------------------------------|--------------|
|                                                                                                                                    |                       | (RM '000)                                   | %            |
| 1. Pembinaan bangunan<br>Construction of buildings                                                                                 | 4100                  | 17,978,585                                  | 48.9         |
| 2. Pembinaan jalan raya dan landasan kereta api<br>Construction of roads and railways                                              | 4210                  | 7,630,538                                   | 20.7         |
| 3. Pembinaan projek utiliti<br>Construction of utility projects                                                                    | 4220                  | 5,342,440                                   | 14.5         |
| 4. Pembinaan projek kejuruteraan awam lain, kecuali bangunan<br>Construction of other civil engineering projects, except buildings | 4290                  | 2,158,663                                   | 5.9          |
| 5. Perobohan<br>Demolition                                                                                                         | 4311                  | 5,601                                       | 0.0          |
| 6. Penyediaan tapak<br>Sites preparation                                                                                           | 4312                  | 737,119                                     | 2.0          |
| 7. Pemasangan elektrik<br>Electrical installation                                                                                  | 4321                  | 1,093,652                                   | 3.0          |
| 8. Pemasangan sistem paip, pemanasan dan pendingin udara<br>Plumbing, heat and air-conditioning installation                       | 4322                  | 870,386                                     | 2.4          |
| 9. Pemasangan pembinaan lain<br>Other construction installation                                                                    | 4329                  | 249,535                                     | 0.7          |
| 10. Penyiapan dan kemas bangunan<br>Building completion and finishing                                                              | 4330                  | 355,546                                     | 1.0          |
| 11. Aktiviti pembinaan pertukangan khas lain<br>Other specialized construction activities                                          | 4390                  | 363,995                                     | 1.0          |
| <b>Jumlah / Total</b>                                                                                                              |                       | <b>36,786,060</b>                           | <b>100.0</b> |

## 2

## Nilai kerja pembinaan mengikut lokasi projek dan subsektor, ST1 2024

Value of work done by location of project and sub-sector, Q1 2024

|                       |                       |                           |                   |                           | (RM '000)  |
|-----------------------|-----------------------|---------------------------|-------------------|---------------------------|------------|
| Negeri                | Bangunan kediaman     | Bangunan bukan kediaman   | Kejuruteraan awam | Aktiviti pertukangan khas | Jumlah     |
| State                 | Residential buildings | Non-residential buildings | Civil engineering | Special trade activities  | Total      |
| (RM '000)             |                       |                           |                   |                           |            |
| Johor                 | 1,021,104             | 1,473,700                 | 1,839,479         | 432,794                   | 4,767,078  |
| Kedah                 | 327,451               | 719,419                   | 405,494           | 238,571                   | 1,690,934  |
| Kelantan              | 54,842                | 125,102                   | 880,890           | 38,739                    | 1,099,572  |
| Melaka                | 352,171               | 274,150                   | 209,357           | 132,492                   | 968,170    |
| Negeri Sembilan       | 329,921               | 425,244                   | 546,077           | 208,401                   | 1,509,643  |
| Pahang                | 285,748               | 281,602                   | 2,208,160         | 108,242                   | 2,883,752  |
| Perak                 | 385,364               | 309,129                   | 366,658           | 157,936                   | 1,219,087  |
| Perlis                | 23,316                | 51,039                    | 110,797           | 18,309                    | 203,460    |
| Pulau Pinang          | 559,729               | 1,305,930                 | 456,986           | 328,579                   | 2,651,225  |
| Sabah                 | 220,032               | 357,156                   | 1,315,571         | 106,125                   | 1,998,884  |
| Sarawak               | 408,336               | 583,679                   | 2,641,618         | 455,272                   | 4,088,905  |
| Selangor              | 2,337,628             | 2,203,355                 | 2,931,100         | 834,077                   | 8,306,161  |
| Terengganu            | 49,577                | 244,021                   | 721,415           | 71,924                    | 1,086,936  |
| Wilayah Persekutuan * | 1,424,884             | 1,844,955                 | 498,040           | 544,373                   | 4,312,252  |
| Malaysia              | 7,780,103             | 10,198,482                | 15,131,641        | 3,675,834                 | 36,786,060 |

Nota/ Note : \* termasuk / includes Wilayah Persekutuan Kuala Lumpur, Putrajaya dan Labuan

### 3 Nilai kerja pembinaan mengikut subsektor dan pemilik projek, ST1 2024

Value of work done by sub-sector and project owner, Q1 2024

(RM '000)

| Jenis aktiviti pembinaan<br>Types of construction<br>activity | Pemilik projek / Project owner |                |                       |            | Jumlah<br>Total |
|---------------------------------------------------------------|--------------------------------|----------------|-----------------------|------------|-----------------|
|                                                               | Swasta<br>Private              | Awam<br>Public |                       |            |                 |
|                                                               |                                | Kerajaan       | Perbadanan<br>awam    | Jumlah     |                 |
|                                                               |                                | Government     | Public<br>corporation | Total      |                 |
| Bangunan kediaman<br>Residential buildings                    | 7,264,820                      | 345,369        | 169,914               | 515,283    | 7,780,103       |
| Bangunan bukan<br>kediaman<br>Non-residential buildings       | 8,075,708                      | 1,657,215      | 465,559               | 2,122,774  | 10,198,482      |
| Kejuruteraan awam<br>Civil engineering                        | 3,979,437                      | 4,720,585      | 6,431,619             | 11,152,204 | 15,131,641      |
| Aktiviti pertukangan khas<br>Special trade activities         | 2,475,281                      | 644,610        | 555,943               | 1,200,553  | 3,675,834       |
| Jumlah / Total                                                | 21,795,246                     | 7,367,780      | 7,623,035             | 14,990,814 | 36,786,060      |

#### 4 Nilai kerja pembinaan mengikut peringkat siap projek dan subsektor, ST1 2024

*Value of work done by stage of project completion and sub-sector, Q1 2024*

| (RM '000)                                  |                              |                                  |                          |                                 |                   |
|--------------------------------------------|------------------------------|----------------------------------|--------------------------|---------------------------------|-------------------|
| Peringkat siap projek (%)                  | Bangunan kediaman            | Bangunan bukan kediaman          | Kejuruteraan awam        | Aktiviti pertukangan khas       | Jumlah            |
| <i>Stage of project completion (%)</i>     | <i>Residential buildings</i> | <i>Non-residential buildings</i> | <i>Civil engineering</i> | <i>Special trade activities</i> | <i>Total</i>      |
| <b>10 dan kurang</b><br><i>10 and less</i> | 590,544                      | 499,543                          | 566,298                  | 94,769                          | 1,751,153         |
| <b>11 - 20</b>                             | 627,566                      | 835,470                          | 1,098,249                | 359,185                         | 2,920,471         |
| <b>21 - 30</b>                             | 758,294                      | 677,966                          | 1,321,819                | 246,494                         | 3,004,573         |
| <b>31 - 40</b>                             | 678,656                      | 807,148                          | 1,695,138                | 353,996                         | 3,534,938         |
| <b>41 - 50</b>                             | 961,850                      | 1,110,249                        | 2,318,559                | 316,930                         | 4,707,588         |
| <b>51 - 60</b>                             | 748,691                      | 724,547                          | 804,894                  | 286,405                         | 2,564,538         |
| <b>61 - 70</b>                             | 633,685                      | 1,044,053                        | 754,762                  | 279,729                         | 2,712,228         |
| <b>71 - 80</b>                             | 883,938                      | 1,097,836                        | 2,760,583                | 312,671                         | 5,055,028         |
| <b>81 - 90</b>                             | 614,368                      | 1,025,391                        | 1,513,308                | 406,205                         | 3,559,273         |
| <b>91 - 100</b>                            | 1,282,511                    | 2,376,278                        | 2,298,031                | 1,019,450                       | 6,976,270         |
| <b>Jumlah / Total</b>                      | <b>7,780,103</b>             | <b>10,198,482</b>                | <b>15,131,641</b>        | <b>3,675,834</b>                | <b>36,786,060</b> |

## 5 Nilai kerja pembinaan, ST1 2014 - ST1 2024

Value of work done, Q1 2014 - Q1 2024

| Suku tahun<br><i>Quarter</i> | Bilangan projek<br><i>Number of project</i> | Nilai kerja pembinaan<br><i>Value of work done</i> | Peratus perubahan<br><i>Percentage change</i><br>(%) |             |
|------------------------------|---------------------------------------------|----------------------------------------------------|------------------------------------------------------|-------------|
|                              |                                             |                                                    | (RM '000)                                            | (QoQ) (YoY) |
| Q1 / 2024                    | 19,780                                      | 36,786,060                                         | 7.7                                                  | 14.2        |
| Q4 / 2023                    | 19,602                                      | 34,147,037                                         | 2.1                                                  | 6.8         |
| Q3 / 2023                    | 18,811                                      | 33,437,241                                         | 3.4                                                  | 9.6         |
| Q2 / 2023                    | 17,513                                      | 32,352,865                                         | 0.4                                                  | 8.1         |
| Q1 / 2023                    | 17,328                                      | 32,218,461                                         | 0.8                                                  | 9.4         |
| Q4 / 2022                    | 17,546                                      | 31,973,673                                         | 4.8                                                  | 15.7        |
| Q3 / 2022                    | 17,305                                      | 30,518,583                                         | 1.9                                                  | 23.2        |
| Q2 / 2022                    | 16,619                                      | 29,936,072                                         | 1.6                                                  | 6.1         |
| Q1 / 2022                    | 16,632                                      | 29,460,996                                         | 6.6                                                  | -6.1        |
| Q4 / 2021                    | 17,413                                      | 27,625,856                                         | 11.5                                                 | -12.9       |
| Q3 / 2021                    | 16,589                                      | 24,775,795                                         | -12.2                                                | -21.0       |
| Q2 / 2021                    | 14,626                                      | 28,211,661                                         | -10.1                                                | 42.6        |
| Q1 / 2021                    | 14,241                                      | 31,369,047                                         | -1.1                                                 | -10.5       |
| Q4 / 2020                    | 14,160                                      | 31,730,846                                         | 1.2                                                  | -14.2       |
| Q3 / 2020                    | 13,598                                      | 31,367,003                                         | 58.6                                                 | -13.1       |
| Q2 / 2020                    | 12,676                                      | 19,780,063                                         | -43.6                                                | -44.9       |
| Q1 / 2020                    | 11,857                                      | 35,040,152                                         | -5.2                                                 | -6.3        |
| Q4 / 2019                    | 11,862                                      | 36,978,460                                         | 2.5                                                  | 1.3         |
| Q3 / 2019                    | 11,018                                      | 36,076,604                                         | 0.4                                                  | -0.6        |
| Q2 / 2019                    | 10,579                                      | 35,919,139                                         | -4.0                                                 | 0.8         |
| Q1 / 2019                    | 9,939                                       | 37,397,513                                         | 2.4                                                  | 0.7         |
| Q4 / 2018                    | 9,892                                       | 36,511,049                                         | 0.6                                                  | 4.1         |
| Q3 / 2018                    | 9,905                                       | 36,287,482                                         | 1.9                                                  | 5.2         |
| Q2 / 2018                    | 9,580                                       | 35,624,699                                         | -4.0                                                 | 5.3         |
| Q1 / 2018                    | 9,259                                       | 37,123,931                                         | 5.8                                                  | 5.9         |
| Q4 / 2017                    | 8,747                                       | 35,077,956                                         | 1.7                                                  | 7.7         |
| Q3 / 2017                    | 8,844                                       | 34,495,002                                         | 2.0                                                  | 8.1         |
| Q2 / 2017                    | 9,405                                       | 33,825,084                                         | -3.5                                                 | 11.2        |
| Q1 / 2017                    | 9,572                                       | 35,053,464                                         | 7.7                                                  | 9.7         |
| Q4 / 2016                    | 9,791                                       | 32,559,568                                         | 2.0                                                  | 8.1         |
| Q3 / 2016                    | 9,725                                       | 31,909,993                                         | 4.9                                                  | 10.7        |
| Q2 / 2016                    | 9,983                                       | 30,427,274                                         | -4.7                                                 | 11.7        |
| Q1 / 2016                    | 10,043                                      | 31,941,170                                         | 6.0                                                  | 11.1        |
| Q4 / 2015                    | 10,230                                      | 30,128,938                                         | 4.5                                                  | 11.2        |
| Q3 / 2015                    | 9,883                                       | 28,834,152                                         | 5.9                                                  | 14.0        |
| Q2 / 2015                    | 10,074                                      | 27,239,139                                         | -5.2                                                 | 8.2         |
| Q1 / 2015                    | 9,982                                       | 28,740,794                                         | 6.1                                                  | 15.1        |
| Q4 / 2014                    | 10,000                                      | 27,099,410                                         | 7.1                                                  | 9.7         |
| Q3 / 2014                    | 9,835                                       | 25,300,648                                         | 0.5                                                  | 10.7        |
| Q2 / 2014                    | 9,875                                       | 25,172,816                                         | 0.8                                                  | 10.8        |
| Q1 / 2014                    | 9,774                                       | 24,973,339                                         | 1.1                                                  | 21.2        |

## 6

**Nilai kerja pembinaan mengikut lokasi projek, ST1 2018 - ST1 2024**  
*Value of work done by location of project, Q1 2018 - Q1 2024*

**RM juta / million**

| Negeri<br>State              | Tahun / Suku tahun<br>Year / Quarter |               |               |               |               |               |               |               |               |               |               |               |
|------------------------------|--------------------------------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
|                              | 2018                                 |               |               |               | 2019          |               |               |               | 2020          |               |               |               |
|                              | Q1                                   | Q2            | Q3            | Q4            | Q1            | Q2            | Q3            | Q4            | Q1            | Q2            | Q3            | Q4            |
| <b>Johor</b>                 | 8,349                                | 6,572         | 6,815         | 6,673         | 6,176         | 5,185         | 4,779         | 4,364         | 3,986         | 2,408         | 2,718         | 3,029         |
| <b>Kedah</b>                 | 685                                  | 836           | 644           | 570           | 653           | 579           | 697           | 834           | 953           | 742           | 691           | 685           |
| <b>Kelantan</b>              | 193                                  | 296           | 319           | 246           | 280           | 267           | 336           | 355           | 444           | 221           | 429           | 508           |
| <b>Melaka</b>                | 1,228                                | 951           | 773           | 1,421         | 1,247         | 727           | 750           | 1,381         | 1,074         | 419           | 577           | 715           |
| <b>Negeri Sembilan</b>       | 1,141                                | 1,932         | 1,906         | 1,674         | 1,795         | 1,501         | 1,672         | 1,394         | 1,354         | 512           | 1,368         | 1,421         |
| <b>Pahang</b>                | 1,570                                | 1,535         | 1,367         | 1,242         | 946           | 999           | 1,148         | 1,037         | 1,088         | 643           | 839           | 904           |
| <b>Perak</b>                 | 1,222                                | 1,039         | 1,433         | 1,698         | 1,624         | 1,520         | 1,494         | 1,194         | 1,347         | 797           | 1,061         | 1,046         |
| <b>Perlis</b>                | 69                                   | 96            | 67            | 54            | 81            | 59            | 67            | 61            | 57            | 52            | 91            | 108           |
| <b>Pulau Pinang</b>          | 1,713                                | 1,568         | 1,628         | 1,666         | 1,964         | 1,618         | 1,400         | 1,562         | 1,641         | 914           | 1,523         | 1,588         |
| <b>Sabah</b>                 | 1,617                                | 1,690         | 1,816         | 1,777         | 1,796         | 1,819         | 1,839         | 1,884         | 1,900         | 958           | 1,451         | 1,400         |
| <b>Sarawak</b>               | 2,871                                | 3,255         | 3,461         | 3,380         | 3,575         | 3,064         | 3,290         | 3,586         | 3,518         | 2,158         | 3,781         | 3,262         |
| <b>Selangor</b>              | 7,486                                | 8,152         | 8,256         | 8,071         | 8,556         | 10,017        | 8,858         | 9,321         | 8,657         | 5,392         | 8,351         | 8,698         |
| <b>Terengganu</b>            | 932                                  | 704           | 701           | 756           | 697           | 697           | 776           | 1,145         | 978           | 730           | 785           | 793           |
| <b>Wilayah Persekutuan *</b> | 8,048                                | 6,999         | 7,103         | 7,284         | 8,008         | 7,867         | 8,968         | 8,858         | 8,043         | 3,835         | 7,702         | 7,574         |
| <b>Malaysia</b>              | <b>37,124</b>                        | <b>35,625</b> | <b>36,287</b> | <b>36,511</b> | <b>37,398</b> | <b>35,919</b> | <b>36,077</b> | <b>36,978</b> | <b>35,040</b> | <b>19,780</b> | <b>31,367</b> | <b>31,731</b> |

**Nota/ Note :** \* termasuk / includes Wilayah Persekutuan Kuala Lumpur, Putrajaya dan Labuan



| RM juta / million |               |               |               |               |               |               |               |               |               |               |               |               | Negeri<br>State       |
|-------------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|-----------------------|
| 2021              |               |               |               | 2022          |               |               |               | 2023          |               |               |               | 2024          |                       |
| Q1                | Q2            | Q3            | Q4            | Q1            | Q2            | Q3            | Q4            | Q1            | Q2            | Q3            | Q4            | Q1            |                       |
| 2,864             | 2,285         | 1,941         | 2,517         | 2,622         | 3,058         | 3,216         | 3,408         | 3,425         | 3,844         | 3,538         | 3,971         | 4,767         | Johor                 |
| 804               | 635           | 659           | 768           | 1,155         | 1,158         | 1,387         | 1,697         | 1,810         | 2,588         | 1,972         | 2,008         | 1,691         | Kedah                 |
| 382               | 333           | 442           | 451           | 514           | 688           | 745           | 1,163         | 1,210         | 962           | 748           | 525           | 1,100         | Kelantan              |
| 781               | 528           | 533           | 619           | 814           | 542           | 811           | 688           | 761           | 644           | 949           | 721           | 968           | Melaka                |
| 1,198             | 1,042         | 1,138         | 1,270         | 1,015         | 1,179         | 1,282         | 1,245         | 1,094         | 1,281         | 1,020         | 1,121         | 1,510         | Negeri Sembilan       |
| 1,489             | 1,047         | 1,108         | 1,227         | 1,230         | 1,308         | 1,273         | 1,009         | 1,272         | 1,854         | 2,355         | 2,680         | 2,884         | Pahang                |
| 1,059             | 923           | 995           | 1,014         | 1,030         | 1,311         | 1,248         | 1,385         | 1,326         | 1,224         | 1,290         | 1,024         | 1,219         | Perak                 |
| 131               | 99            | 88            | 103           | 107           | 127           | 99            | 99            | 126           | 96            | 169           | 194           | 203           | Perlis                |
| 2,001             | 1,881         | 1,625         | 1,998         | 2,015         | 2,337         | 1,879         | 2,043         | 2,639         | 2,470         | 2,183         | 2,292         | 2,651         | Pulau Pinang          |
| 1,798             | 1,667         | 1,558         | 1,728         | 1,968         | 1,805         | 1,956         | 1,833         | 1,977         | 1,683         | 1,708         | 1,959         | 1,999         | Sabah                 |
| 3,806             | 3,442         | 3,612         | 3,130         | 3,273         | 3,508         | 3,586         | 3,741         | 3,426         | 3,385         | 3,813         | 4,006         | 4,089         | Sarawak               |
| 7,818             | 7,546         | 5,468         | 6,996         | 6,934         | 6,787         | 6,904         | 7,748         | 8,074         | 7,533         | 8,084         | 8,561         | 8,306         | Selangor              |
| 791               | 857           | 907           | 856           | 1,013         | 976           | 789           | 1,218         | 985           | 1,073         | 1,332         | 1,046         | 1,087         | Terengganu            |
| 6,446             | 5,926         | 4,701         | 4,949         | 5,770         | 5,154         | 5,344         | 4,695         | 4,092         | 3,716         | 4,276         | 4,038         | 4,312         | Wilayah Persekutuan * |
| <b>31,369</b>     | <b>28,212</b> | <b>24,776</b> | <b>27,626</b> | <b>29,461</b> | <b>29,936</b> | <b>30,519</b> | <b>31,974</b> | <b>32,218</b> | <b>32,353</b> | <b>33,437</b> | <b>34,147</b> | <b>36,786</b> | <b>Malaysia</b>       |

Nota/ Note : \* termasuk / includes Wilayah Persekutuan Kuala Lumpur, Putrajaya dan Labuan

**7 Nilai kerja pembinaan mengikut lokasi projek, 2018 - 2023**  
*Value of work done by location of project, 2018 - 2023*

**RM juta / million**

| Negeri<br>State              | Tahun<br>Year  |                |                |                |                |                |
|------------------------------|----------------|----------------|----------------|----------------|----------------|----------------|
|                              | 2018           | 2019           | 2020           | 2021           | 2022           | 2023           |
| <b>Johor</b>                 | 28,408         | 20,504         | 12,141         | 9,607          | 12,303         | 14,777         |
| <b>Kedah</b>                 | 2,734          | 2,763          | 3,072          | 2,867          | 5,397          | 8,378          |
| <b>Kelantan</b>              | 1,054          | 1,237          | 1,602          | 1,608          | 3,111          | 3,445          |
| <b>Melaka</b>                | 4,374          | 4,105          | 2,784          | 2,462          | 2,854          | 3,075          |
| <b>Negeri Sembilan</b>       | 6,652          | 6,362          | 4,654          | 4,649          | 4,721          | 4,516          |
| <b>Pahang</b>                | 5,714          | 4,130          | 3,473          | 4,871          | 4,820          | 8,161          |
| <b>Perak</b>                 | 5,392          | 5,832          | 4,251          | 3,991          | 4,975          | 4,865          |
| <b>Perlis</b>                | 287            | 268            | 308            | 422            | 433            | 585            |
| <b>Pulau Pinang</b>          | 6,575          | 6,545          | 5,666          | 7,505          | 8,274          | 9,584          |
| <b>Sabah</b>                 | 6,899          | 7,338          | 5,709          | 6,751          | 7,562          | 7,328          |
| <b>Sarawak</b>               | 12,968         | 13,516         | 12,719         | 13,990         | 14,109         | 14,629         |
| <b>Selangor</b>              | 31,965         | 36,753         | 31,098         | 27,827         | 28,373         | 32,251         |
| <b>Terengganu</b>            | 3,093          | 3,315          | 3,285          | 3,411          | 3,996          | 4,437          |
| <b>Wilayah Persekutuan *</b> | 29,433         | 33,701         | 27,154         | 22,022         | 20,963         | 16,123         |
| <b>Malaysia</b>              | <b>145,547</b> | <b>146,372</b> | <b>117,918</b> | <b>111,982</b> | <b>121,889</b> | <b>132,156</b> |

**Nota/ Note :** \* termasuk / includes Wilayah Persekutuan Kuala Lumpur, Putrajaya dan Labuan

**8** Nilai kerja pembinaan dan peratus sumbangan mengikut subsektor,  
**ST1 2012 - ST1 2024**  
*Value of work done and percentage share by sub-sector,  
Q1 2012 - Q1 2024*

| Tahun /<br>Suku tahun | Bangunan<br>kediaman     |      | Bangunan bukan<br>kediaman   |      | Kejuruteraan<br>awam |      | Aktiviti<br>pertukangan<br>khas |      | Jumlah              |              |
|-----------------------|--------------------------|------|------------------------------|------|----------------------|------|---------------------------------|------|---------------------|--------------|
| Year /<br>Quarter     | Residential<br>buildings |      | Non-residential<br>buildings |      | Civil engineering    |      | Special trade<br>activities     |      | Total               |              |
|                       | RM juta/<br>million      | (%)  | RM juta/<br>million          | (%)  | RM juta/<br>million  | (%)  | RM juta/<br>million             | (%)  | RM juta/<br>million | (%)          |
| <b>2023</b>           | 28,784                   | 21.8 | 38,421                       | 29.1 | 52,081               | 39.4 | 12,870                          | 9.7  | <b>132,156</b>      | <b>100.0</b> |
| <b>2022</b>           | 27,769                   | 22.8 | 37,266                       | 30.6 | 44,995               | 36.9 | 11,859                          | 9.7  | <b>121,889</b>      | <b>100.0</b> |
| <b>2021</b>           | 26,845                   | 24.0 | 31,391                       | 28.0 | 43,830               | 39.1 | 9,917                           | 8.9  | <b>111,982</b>      | <b>100.0</b> |
| <b>2020</b>           | 29,609                   | 25.1 | 31,127                       | 26.4 | 49,878               | 42.3 | 7,305                           | 6.2  | <b>117,918</b>      | <b>100.0</b> |
| <b>2019</b>           | 35,752                   | 24.4 | 37,558                       | 25.7 | 65,599               | 44.8 | 7,463                           | 5.1  | <b>146,372</b>      | <b>100.0</b> |
| <b>2018</b>           | 36,592                   | 25.1 | 41,201                       | 28.3 | 60,593               | 41.6 | 7,162                           | 4.9  | <b>145,547</b>      | <b>100.0</b> |
| <b>2017</b>           | 39,317                   | 28.4 | 41,552                       | 30.0 | 51,087               | 36.9 | 6,496                           | 4.7  | <b>138,452</b>      | <b>100.0</b> |
| <b>2016</b>           | 37,807                   | 29.8 | 39,762                       | 31.3 | 43,318               | 34.2 | 5,950                           | 4.7  | <b>126,838</b>      | <b>100.0</b> |
| <b>2015</b>           | 33,846                   | 29.4 | 39,080                       | 34.0 | 36,587               | 31.8 | 5,430                           | 4.7  | <b>114,943</b>      | <b>100.0</b> |
| <b>2014</b>           | 30,516                   | 29.8 | 34,314                       | 33.5 | 32,689               | 31.9 | 5,026                           | 4.9  | <b>102,546</b>      | <b>100.0</b> |
| <b>2013</b>           | 24,963                   | 27.5 | 29,303                       | 32.2 | 32,301               | 35.5 | 4,307                           | 4.7  | <b>90,875</b>       | <b>100.0</b> |
| <b>2012</b>           | 20,868                   | 25.9 | 27,482                       | 34.1 | 28,204               | 35.0 | 4,113                           | 5.1  | <b>80,667</b>       | <b>100.0</b> |
| <b>Q1 / 2024</b>      | 7,780                    | 21.1 | 10,198                       | 27.7 | 15,132               | 41.1 | 3,676                           | 10.0 | <b>36,786</b>       | <b>100.0</b> |
| <b>Q4 / 2023</b>      | 7,123                    | 20.9 | 9,456                        | 27.7 | 14,299               | 41.9 | 3,269                           | 9.6  | <b>34,147</b>       | <b>100.0</b> |
| <b>Q3 / 2023</b>      | 7,337                    | 21.9 | 9,209                        | 27.5 | 13,542               | 40.5 | 3,351                           | 10.0 | <b>33,437</b>       | <b>100.0</b> |
| <b>Q2 / 2023</b>      | 7,349                    | 22.7 | 9,930                        | 30.7 | 12,110               | 37.4 | 2,963                           | 9.2  | <b>32,353</b>       | <b>100.0</b> |
| <b>Q1 / 2023</b>      | 6,975                    | 21.7 | 9,826                        | 30.5 | 12,130               | 37.6 | 3,287                           | 10.2 | <b>32,218</b>       | <b>100.0</b> |
| <b>Q4 / 2022</b>      | 6,960                    | 21.8 | 9,636                        | 30.1 | 12,117               | 37.9 | 3,260                           | 10.2 | <b>31,974</b>       | <b>100.0</b> |
| <b>Q3 / 2022</b>      | 6,801                    | 22.3 | 9,272                        | 30.4 | 11,563               | 37.9 | 2,883                           | 9.4  | <b>30,519</b>       | <b>100.0</b> |
| <b>Q2 / 2022</b>      | 6,873                    | 23.0 | 9,395                        | 31.4 | 10,968               | 36.6 | 2,699                           | 9.0  | <b>29,936</b>       | <b>100.0</b> |
| <b>Q1 / 2022</b>      | 7,135                    | 24.2 | 8,963                        | 30.4 | 10,348               | 35.1 | 3,016                           | 10.2 | <b>29,461</b>       | <b>100.0</b> |
| <b>Q4 / 2021</b>      | 6,609                    | 23.9 | 8,096                        | 29.3 | 10,028               | 36.3 | 2,894                           | 10.5 | <b>27,626</b>       | <b>100.0</b> |
| <b>Q3 / 2021</b>      | 5,772                    | 23.3 | 6,734                        | 27.2 | 10,089               | 40.7 | 2,181                           | 8.8  | <b>24,776</b>       | <b>100.0</b> |
| <b>Q2 / 2021</b>      | 6,369                    | 22.6 | 7,958                        | 28.2 | 11,472               | 40.7 | 2,413                           | 8.6  | <b>28,212</b>       | <b>100.0</b> |
| <b>Q1 / 2021</b>      | 8,095                    | 25.8 | 8,604                        | 27.4 | 12,241               | 39.0 | 2,429                           | 7.7  | <b>31,369</b>       | <b>100.0</b> |
| <b>Q4 / 2020</b>      | 8,075                    | 25.4 | 8,713                        | 27.5 | 12,581               | 39.6 | 2,362                           | 7.4  | <b>31,731</b>       | <b>100.0</b> |
| <b>Q3 / 2020</b>      | 7,689                    | 24.5 | 7,517                        | 24.0 | 14,358               | 45.8 | 1,803                           | 5.7  | <b>31,367</b>       | <b>100.0</b> |
| <b>Q2 / 2020</b>      | 5,398                    | 27.3 | 5,809                        | 29.4 | 7,194                | 36.4 | 1,379                           | 7.0  | <b>19,780</b>       | <b>100.0</b> |
| <b>Q1 / 2020</b>      | 8,448                    | 24.1 | 9,087                        | 25.9 | 15,745               | 44.9 | 1,761                           | 5.0  | <b>35,040</b>       | <b>100.0</b> |
| <b>Q4 / 2019</b>      | 9,066                    | 24.5 | 9,300                        | 25.1 | 16,785               | 45.4 | 1,827                           | 4.9  | <b>36,978</b>       | <b>100.0</b> |
| <b>Q3 / 2019</b>      | 8,735                    | 24.2 | 8,945                        | 24.8 | 16,622               | 46.1 | 1,775                           | 4.9  | <b>36,077</b>       | <b>100.0</b> |
| <b>Q2 / 2019</b>      | 8,807                    | 24.5 | 9,103                        | 25.3 | 16,075               | 44.8 | 1,934                           | 5.4  | <b>35,919</b>       | <b>100.0</b> |
| <b>Q1 / 2019</b>      | 9,144                    | 24.5 | 10,210                       | 27.3 | 16,117               | 43.1 | 1,927                           | 5.2  | <b>37,398</b>       | <b>100.0</b> |

**8** Nilai kerja pembinaan dan peratus sumbangan mengikut subsektor,  
**ST1 2012 - ST1 2024 (samb.)**  
*Value of work done and percentage share by sub-sector,  
Q1 2012 - Q1 2024 (cont'd)*

| Tahun /<br>Suku tahun     | Bangunan<br>kediaman             |      | Bangunan bukan<br>kediaman           |      | Kejuruteraan<br>awam     |      | Aktiviti<br>pertukangan<br>khas     |     | Jumlah              |              |
|---------------------------|----------------------------------|------|--------------------------------------|------|--------------------------|------|-------------------------------------|-----|---------------------|--------------|
| <i>Year /<br/>Quarter</i> | <i>Residential<br/>buildings</i> |      | <i>Non-residential<br/>buildings</i> |      | <i>Civil engineering</i> |      | <i>Special trade<br/>activities</i> |     | <i>Total</i>        |              |
|                           | RM juta/<br>million              | (%)  | RM juta/<br>million                  | (%)  | RM juta/<br>million      | (%)  | RM juta/<br>million                 | (%) | RM juta/<br>million | (%)          |
| <b>Q4 / 2018</b>          | 8,829                            | 24.2 | 10,362                               | 28.4 | 15,560                   | 42.6 | 1,760                               | 4.8 | <b>36,511</b>       | <b>100.0</b> |
| <b>Q3 / 2018</b>          | 8,981                            | 24.7 | 10,118                               | 27.9 | 15,463                   | 42.6 | 1,726                               | 4.8 | <b>36,287</b>       | <b>100.0</b> |
| <b>Q2 / 2018</b>          | 8,906                            | 25.0 | 10,036                               | 28.2 | 14,855                   | 41.7 | 1,827                               | 5.1 | <b>35,625</b>       | <b>100.0</b> |
| <b>Q1 / 2018</b>          | 9,876                            | 26.6 | 10,685                               | 28.8 | 14,715                   | 39.6 | 1,848                               | 5.0 | <b>37,124</b>       | <b>100.0</b> |
| <b>Q4 / 2017</b>          | 9,728                            | 27.7 | 10,109                               | 28.8 | 13,613                   | 38.8 | 1,627                               | 4.6 | <b>35,078</b>       | <b>100.0</b> |
| <b>Q3 / 2017</b>          | 9,729                            | 28.2 | 10,080                               | 29.2 | 13,142                   | 38.1 | 1,544                               | 4.5 | <b>34,495</b>       | <b>100.0</b> |
| <b>Q2 / 2017</b>          | 9,639                            | 28.5 | 10,546                               | 31.2 | 12,018                   | 35.5 | 1,622                               | 4.8 | <b>33,825</b>       | <b>100.0</b> |
| <b>Q1 / 2017</b>          | 10,220                           | 29.2 | 10,817                               | 30.9 | 12,314                   | 35.1 | 1,702                               | 4.9 | <b>35,053</b>       | <b>100.0</b> |
| <b>Q4 / 2016</b>          | 9,615                            | 29.5 | 9,964                                | 30.6 | 11,495                   | 35.3 | 1,486                               | 4.6 | <b>32,560</b>       | <b>100.0</b> |
| <b>Q3 / 2016</b>          | 9,579                            | 30.0 | 9,801                                | 30.7 | 11,133                   | 34.9 | 1,397                               | 4.4 | <b>31,910</b>       | <b>100.0</b> |
| <b>Q2 / 2016</b>          | 9,283                            | 30.5 | 9,615                                | 31.6 | 10,075                   | 33.1 | 1,453                               | 4.8 | <b>30,427</b>       | <b>100.0</b> |
| <b>Q1 / 2016</b>          | 9,331                            | 29.2 | 10,382                               | 32.5 | 10,615                   | 33.2 | 1,613                               | 5.1 | <b>31,941</b>       | <b>100.0</b> |
| <b>Q4 / 2015</b>          | 8,760                            | 29.1 | 9,719                                | 32.3 | 10,217                   | 33.9 | 1,433                               | 4.8 | <b>30,129</b>       | <b>100.0</b> |
| <b>Q3 / 2015</b>          | 8,227                            | 28.5 | 9,937                                | 34.5 | 9,330                    | 32.4 | 1,340                               | 4.6 | <b>28,834</b>       | <b>100.0</b> |
| <b>Q2 / 2015</b>          | 8,253                            | 30.3 | 9,418                                | 34.6 | 8,288                    | 30.4 | 1,280                               | 4.7 | <b>27,239</b>       | <b>100.0</b> |
| <b>Q1 / 2015</b>          | 8,606                            | 29.9 | 10,006                               | 34.8 | 8,753                    | 30.5 | 1,376                               | 4.8 | <b>28,741</b>       | <b>100.0</b> |
| <b>Q4 / 2014</b>          | 8,059                            | 29.7 | 9,382                                | 34.6 | 8,285                    | 30.6 | 1,373                               | 5.1 | <b>27,099</b>       | <b>100.0</b> |
| <b>Q3 / 2014</b>          | 7,598                            | 30.0 | 8,724                                | 34.5 | 7,838                    | 31.0 | 1,141                               | 4.5 | <b>25,301</b>       | <b>100.0</b> |
| <b>Q2 / 2014</b>          | 7,657                            | 30.4 | 8,157                                | 32.4 | 8,167                    | 32.4 | 1,192                               | 4.7 | <b>25,173</b>       | <b>100.0</b> |
| <b>Q1 / 2014</b>          | 7,202                            | 28.8 | 8,052                                | 32.2 | 8,399                    | 33.6 | 1,320                               | 5.3 | <b>24,973</b>       | <b>100.0</b> |
| <b>Q4 / 2013</b>          | 6,813                            | 27.6 | 7,598                                | 30.8 | 9,006                    | 36.5 | 1,275                               | 5.1 | <b>24,692</b>       | <b>100.0</b> |
| <b>Q3 / 2013</b>          | 6,253                            | 27.4 | 7,869                                | 34.4 | 7,667                    | 33.6 | 1,062                               | 4.6 | <b>22,852</b>       | <b>100.0</b> |
| <b>Q2 / 2013</b>          | 6,484                            | 28.5 | 7,123                                | 31.4 | 8,025                    | 35.3 | 1,086                               | 4.8 | <b>22,717</b>       | <b>100.0</b> |
| <b>Q1 / 2013</b>          | 5,413                            | 26.3 | 6,714                                | 32.6 | 7,603                    | 36.9 | 884                                 | 4.3 | <b>20,613</b>       | <b>100.0</b> |
| <b>Q4 / 2012</b>          | 5,760                            | 26.0 | 6,431                                | 29.0 | 8,835                    | 39.8 | 1,165                               | 5.2 | <b>22,191</b>       | <b>100.0</b> |
| <b>Q3 / 2012</b>          | 5,061                            | 24.8 | 7,158                                | 35.1 | 7,201                    | 35.3 | 982                                 | 4.8 | <b>20,401</b>       | <b>100.0</b> |
| <b>Q2 / 2012</b>          | 5,162                            | 25.4 | 7,086                                | 34.8 | 7,050                    | 34.6 | 1,052                               | 5.2 | <b>20,349</b>       | <b>100.0</b> |
| <b>Q1 / 2012</b>          | 4,885                            | 27.6 | 6,807                                | 38.4 | 5,119                    | 28.9 | 915                                 | 5.2 | <b>17,726</b>       | <b>100.0</b> |

**9 Nilai kerja pembinaan mengikut subsektor dan pemilik projek, ST1 2016 - ST1 2024**  
*Value of work done by sub-sector and project owner, Q1 2016 - Q1 2024*

(RM '000)

| <b>Swasta / Private</b>       |                                  |                                      |                              |                                          |                   |
|-------------------------------|----------------------------------|--------------------------------------|------------------------------|------------------------------------------|-------------------|
| <b>Tahun /<br/>Suku tahun</b> | <b>Bangunan<br/>kediaman</b>     | <b>Bangunan<br/>bukan kediaman</b>   | <b>Kejuruteraan<br/>awam</b> | <b>Aktiviti<br/>pertukangan<br/>khas</b> | <b>Jumlah</b>     |
| <i>Year /<br/>Quarter</i>     | <i>Residential<br/>buildings</i> | <i>Non-residential<br/>buildings</i> | <i>Civil engineering</i>     | <i>Special trade<br/>activities</i>      | <i>Total</i>      |
| <b>2023</b>                   | 26,883,929                       | 30,729,885                           | 13,653,584                   | 8,811,541                                | <b>80,078,940</b> |
| <b>2022</b>                   | 26,027,103                       | 28,686,116                           | 10,941,433                   | 7,678,322                                | <b>73,332,975</b> |
| <b>2021</b>                   | 25,223,611                       | 23,621,604                           | 7,565,766                    | 5,952,810                                | <b>62,363,791</b> |
| <b>2020</b>                   | 27,257,676                       | 23,808,127                           | 9,855,189                    | 4,194,338                                | <b>65,115,331</b> |
| <b>2019</b>                   | 32,776,668                       | 27,987,922                           | 15,675,863                   | 4,630,590                                | <b>81,071,042</b> |
| <b>2018</b>                   | 34,395,461                       | 29,414,362                           | 14,956,340                   | 4,300,702                                | <b>83,066,865</b> |
| <b>2017</b>                   | 37,425,204                       | 32,117,540                           | 14,123,067                   | 3,958,811                                | <b>87,624,621</b> |
| <b>2016</b>                   | 34,258,536                       | 30,528,115                           | 12,420,766                   | 3,721,740                                | <b>80,929,157</b> |
| <b>Q1 / 2024</b>              | 7,264,820                        | 8,075,708                            | 3,979,437                    | 2,475,281                                | <b>21,795,246</b> |
| <b>Q4 / 2023</b>              | 6,726,105                        | 7,570,999                            | 3,907,818                    | 2,100,534                                | <b>20,305,456</b> |
| <b>Q3 / 2023</b>              | 6,828,448                        | 7,391,221                            | 2,975,928                    | 2,368,550                                | <b>19,564,147</b> |
| <b>Q2 / 2023</b>              | 6,897,128                        | 8,174,897                            | 3,263,335                    | 2,082,734                                | <b>20,418,095</b> |
| <b>Q1 / 2023</b>              | 6,432,248                        | 7,592,768                            | 3,506,504                    | 2,259,722                                | <b>19,791,242</b> |
| <b>Q4 / 2022</b>              | 6,490,831                        | 7,496,636                            | 3,907,267                    | 2,132,826                                | <b>20,027,560</b> |
| <b>Q3 / 2022</b>              | 6,358,314                        | 7,076,216                            | 2,701,091                    | 1,873,045                                | <b>18,008,667</b> |
| <b>Q2 / 2022</b>              | 6,424,694                        | 7,323,207                            | 1,919,449                    | 1,737,613                                | <b>17,404,964</b> |
| <b>Q1 / 2022</b>              | 6,753,265                        | 6,790,056                            | 2,413,626                    | 1,934,838                                | <b>17,891,785</b> |
| <b>Q4 / 2021</b>              | 6,151,056                        | 6,017,915                            | 2,108,965                    | 1,936,719                                | <b>16,214,655</b> |
| <b>Q3 / 2021</b>              | 5,432,445                        | 5,026,870                            | 1,863,174                    | 1,341,621                                | <b>13,664,110</b> |
| <b>Q2 / 2021</b>              | 6,056,020                        | 6,083,922                            | 1,687,149                    | 1,328,643                                | <b>15,155,734</b> |
| <b>Q1 / 2021</b>              | 7,584,090                        | 6,492,896                            | 1,906,478                    | 1,345,827                                | <b>17,329,292</b> |
| <b>Q4 / 2020</b>              | 7,461,342                        | 6,763,154                            | 2,183,588                    | 1,277,785                                | <b>17,685,870</b> |
| <b>Q3 / 2020</b>              | 7,059,475                        | 5,661,533                            | 2,111,255                    | 1,073,816                                | <b>15,906,080</b> |
| <b>Q2 / 2020</b>              | 5,103,921                        | 4,514,736                            | 1,889,311                    | 804,445                                  | <b>12,312,413</b> |
| <b>Q1 / 2020</b>              | 7,632,938                        | 6,868,704                            | 3,671,034                    | 1,038,292                                | <b>19,210,968</b> |
| <b>Q4 / 2019</b>              | 8,209,230                        | 6,842,943                            | 4,593,126                    | 1,083,150                                | <b>20,728,449</b> |
| <b>Q3 / 2019</b>              | 8,081,681                        | 6,834,103                            | 3,589,122                    | 1,084,866                                | <b>19,589,772</b> |
| <b>Q2 / 2019</b>              | 8,143,521                        | 6,724,708                            | 3,765,207                    | 1,177,853                                | <b>19,811,289</b> |
| <b>Q1 / 2019</b>              | 8,342,235                        | 7,586,168                            | 3,728,409                    | 1,284,720                                | <b>20,941,532</b> |
| <b>Q4 / 2018</b>              | 8,078,123                        | 7,496,625                            | 3,897,871                    | 1,062,310                                | <b>20,534,929</b> |
| <b>Q3 / 2018</b>              | 8,484,981                        | 6,814,917                            | 3,533,179                    | 1,005,868                                | <b>19,838,945</b> |
| <b>Q2 / 2018</b>              | 8,433,837                        | 6,884,368                            | 3,654,061                    | 1,126,553                                | <b>20,098,819</b> |
| <b>Q1 / 2018</b>              | 9,398,519                        | 8,218,453                            | 3,871,229                    | 1,105,971                                | <b>22,594,172</b> |
| <b>Q4 / 2017</b>              | 9,181,755                        | 8,273,179                            | 3,722,026                    | 1,039,682                                | <b>22,216,642</b> |
| <b>Q3 / 2017</b>              | 9,324,836                        | 7,910,488                            | 3,413,101                    | 932,529                                  | <b>21,580,952</b> |
| <b>Q2 / 2017</b>              | 9,289,072                        | 7,623,404                            | 3,633,949                    | 1,031,729                                | <b>21,578,154</b> |
| <b>Q1 / 2017</b>              | 9,629,542                        | 8,310,469                            | 3,353,991                    | 954,871                                  | <b>22,248,873</b> |
| <b>Q4 / 2016</b>              | 8,737,071                        | 7,727,146                            | 2,626,898                    | 884,940                                  | <b>19,976,055</b> |
| <b>Q3 / 2016</b>              | 8,627,431                        | 7,549,412                            | 2,541,556                    | 882,956                                  | <b>19,601,355</b> |
| <b>Q2 / 2016</b>              | 8,456,018                        | 7,122,536                            | 3,662,338                    | 961,574                                  | <b>20,202,465</b> |
| <b>Q1 / 2016</b>              | 8,438,016                        | 8,129,021                            | 3,589,973                    | 992,270                                  | <b>21,149,282</b> |

**9** Nilai kerja pembinaan mengikut subsektor dan pemilik projek, ST1 2016 - ST1 2024 (samb.)  
*Value of work done by sub-sector and project owner, Q1 2016 - Q1 2024 (cont'd)*

(RM '000)

| <b>Kerajaan / Government</b>  |                                  |                                      |                              |                                          |                   |
|-------------------------------|----------------------------------|--------------------------------------|------------------------------|------------------------------------------|-------------------|
| <b>Tahun /<br/>Suku tahun</b> | <b>Bangunan<br/>kediaman</b>     | <b>Bangunan bukan<br/>kediaman</b>   | <b>Kejuruteraan<br/>awam</b> | <b>Aktiviti<br/>pertukangan<br/>khas</b> | <b>Jumlah</b>     |
| <i>Year /<br/>Quarter</i>     | <i>Residential<br/>buildings</i> | <i>Non-residential<br/>buildings</i> | <i>Civil<br/>engineering</i> | <i>Special trade<br/>activities</i>      | <i>Total</i>      |
| <b>2023</b>                   | 1,090,917                        | 6,394,828                            | 17,440,968                   | 2,107,427                                | <b>27,034,139</b> |
| <b>2022</b>                   | 1,102,226                        | 5,995,474                            | 17,821,923                   | 1,965,509                                | <b>26,885,132</b> |
| <b>2021</b>                   | 1,026,594                        | 6,089,973                            | 17,178,529                   | 1,999,719                                | <b>26,294,815</b> |
| <b>2020</b>                   | 1,674,204                        | 5,609,849                            | 18,008,347                   | 1,445,621                                | <b>26,738,021</b> |
| <b>2019</b>                   | 1,905,410                        | 7,282,771                            | 18,819,695                   | 1,537,006                                | <b>29,544,882</b> |
| <b>2018</b>                   | 1,460,971                        | 7,973,574                            | 17,835,471                   | 1,691,740                                | <b>28,961,757</b> |
| <b>2017</b>                   | 1,107,951                        | 5,363,373                            | 14,353,002                   | 1,745,396                                | <b>22,569,722</b> |
| <b>2016</b>                   | 1,363,707                        | 4,973,664                            | 12,044,806                   | 1,379,057                                | <b>19,761,234</b> |
| <b>Q1 / 2024</b>              | 345,369                          | 1,657,215                            | 4,720,585                    | 644,610                                  | <b>7,367,780</b>  |
| <b>Q4 / 2023</b>              | 246,382                          | 1,596,389                            | 4,013,082                    | 774,052                                  | <b>6,629,906</b>  |
| <b>Q3 / 2023</b>              | 332,462                          | 1,561,737                            | 4,468,597                    | 535,924                                  | <b>6,898,721</b>  |
| <b>Q2 / 2023</b>              | 266,858                          | 1,448,314                            | 4,347,812                    | 422,326                                  | <b>6,485,310</b>  |
| <b>Q1 / 2023</b>              | 245,213                          | 1,788,386                            | 4,611,478                    | 375,124                                  | <b>7,020,202</b>  |
| <b>Q4 / 2022</b>              | 280,131                          | 1,532,727                            | 4,504,262                    | 508,831                                  | <b>6,825,950</b>  |
| <b>Q3 / 2022</b>              | 239,536                          | 1,539,482                            | 4,799,796                    | 377,870                                  | <b>6,956,684</b>  |
| <b>Q2 / 2022</b>              | 315,817                          | 1,354,568                            | 4,323,813                    | 492,804                                  | <b>6,487,002</b>  |
| <b>Q1 / 2022</b>              | 266,742                          | 1,568,696                            | 4,194,052                    | 586,004                                  | <b>6,615,495</b>  |
| <b>Q4 / 2021</b>              | 288,922                          | 1,590,388                            | 4,324,145                    | 535,024                                  | <b>6,738,479</b>  |
| <b>Q3 / 2021</b>              | 214,627                          | 1,370,529                            | 4,124,813                    | 455,001                                  | <b>6,164,970</b>  |
| <b>Q2 / 2021</b>              | 211,823                          | 1,446,267                            | 3,895,331                    | 506,456                                  | <b>6,059,877</b>  |
| <b>Q1 / 2021</b>              | 311,222                          | 1,682,789                            | 4,834,240                    | 503,238                                  | <b>7,331,489</b>  |
| <b>Q4 / 2020</b>              | 457,922                          | 1,500,859                            | 4,276,151                    | 454,358                                  | <b>6,689,289</b>  |
| <b>Q3 / 2020</b>              | 476,166                          | 1,340,863                            | 5,543,545                    | 382,110                                  | <b>7,742,684</b>  |
| <b>Q2 / 2020</b>              | 230,431                          | 1,008,815                            | 2,882,373                    | 242,730                                  | <b>4,364,349</b>  |
| <b>Q1 / 2020</b>              | 509,684                          | 1,759,312                            | 5,306,279                    | 366,423                                  | <b>7,941,698</b>  |
| <b>Q4 / 2019</b>              | 544,098                          | 1,751,735                            | 4,785,406                    | 407,153                                  | <b>7,488,392</b>  |
| <b>Q3 / 2019</b>              | 493,530                          | 1,512,920                            | 4,939,116                    | 358,425                                  | <b>7,303,990</b>  |
| <b>Q2 / 2019</b>              | 469,054                          | 1,928,580                            | 4,135,376                    | 371,950                                  | <b>6,904,960</b>  |
| <b>Q1 / 2019</b>              | 398,727                          | 2,089,537                            | 4,959,797                    | 399,478                                  | <b>7,847,539</b>  |
| <b>Q4 / 2018</b>              | 389,247                          | 1,987,269                            | 4,425,212                    | 399,964                                  | <b>7,201,693</b>  |
| <b>Q3 / 2018</b>              | 382,714                          | 2,113,901                            | 4,728,279                    | 392,333                                  | <b>7,617,227</b>  |
| <b>Q2 / 2018</b>              | 366,630                          | 2,217,222                            | 4,451,877                    | 373,912                                  | <b>7,409,640</b>  |
| <b>Q1 / 2018</b>              | 322,381                          | 1,655,182                            | 4,230,103                    | 525,531                                  | <b>6,733,197</b>  |
| <b>Q4 / 2017</b>              | 334,420                          | 1,184,130                            | 3,697,597                    | 419,489                                  | <b>5,635,635</b>  |
| <b>Q3 / 2017</b>              | 215,518                          | 1,450,994                            | 3,571,848                    | 454,899                                  | <b>5,693,258</b>  |
| <b>Q2 / 2017</b>              | 219,375                          | 1,332,245                            | 3,562,098                    | 399,859                                  | <b>5,513,577</b>  |
| <b>Q1 / 2017</b>              | 338,638                          | 1,396,005                            | 3,521,459                    | 471,149                                  | <b>5,727,250</b>  |
| <b>Q4 / 2016</b>              | 307,684                          | 1,101,438                            | 3,482,925                    | 415,193                                  | <b>5,307,239</b>  |
| <b>Q3 / 2016</b>              | 323,796                          | 1,284,130                            | 3,304,119                    | 352,263                                  | <b>5,264,309</b>  |
| <b>Q2 / 2016</b>              | 392,328                          | 1,257,892                            | 2,610,342                    | 288,650                                  | <b>4,549,212</b>  |
| <b>Q1 / 2016</b>              | 339,899                          | 1,330,203                            | 2,647,420                    | 322,951                                  | <b>4,640,474</b>  |

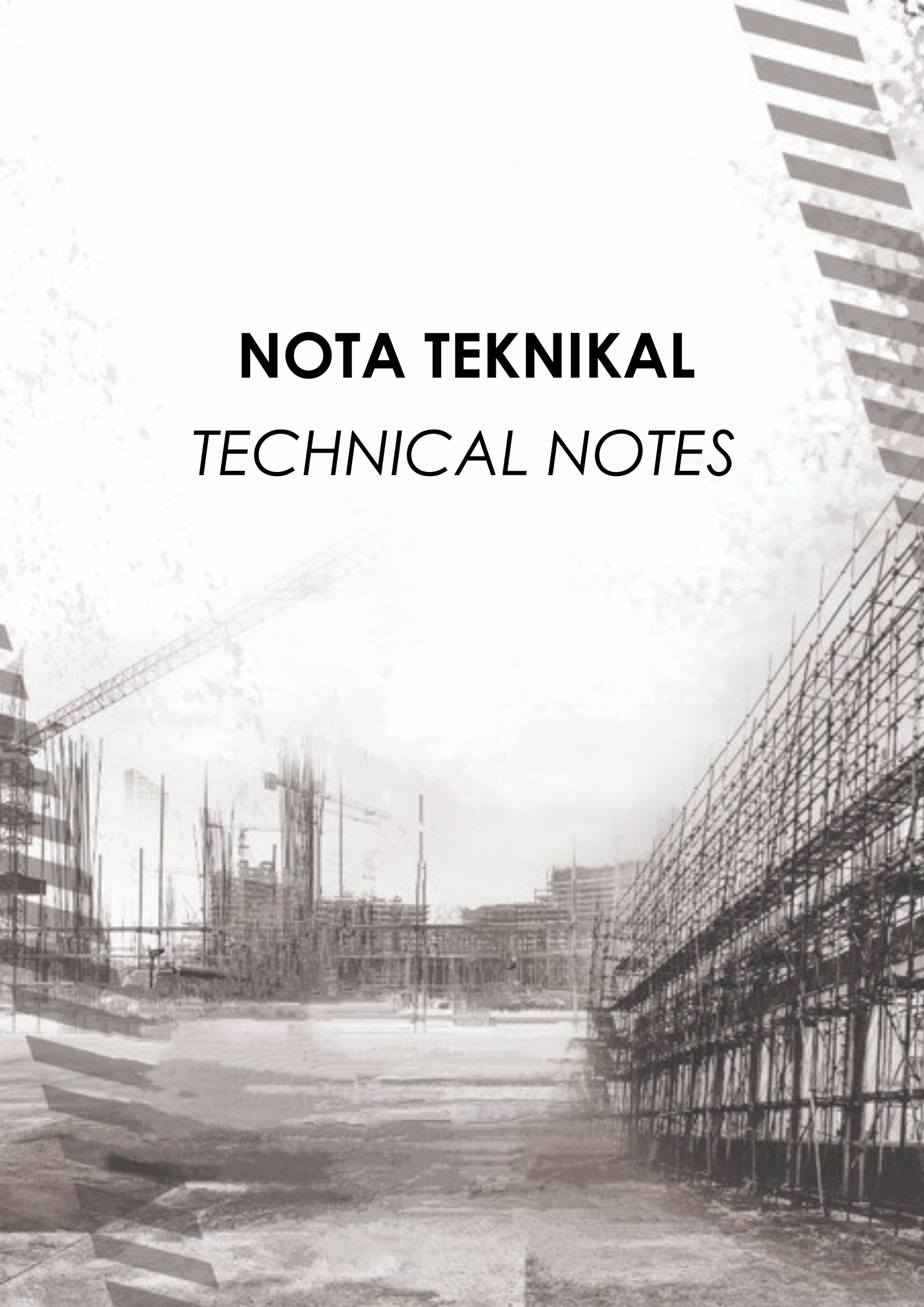
**9** Nilai kerja pembinaan mengikut subsektor dan pemilik projek, ST1 2016 - ST1 2024 (samb.)  
*Value of work done by sub-sector and project owner, Q1 2016 - Q1 2024 (cont'd)*

(RM '000)

| Perbadanan awam / Public corporation |                                  |                                      |                              |                                     |              |
|--------------------------------------|----------------------------------|--------------------------------------|------------------------------|-------------------------------------|--------------|
| Tahun /<br>Suku tahun                | Bangunan<br>kediaman             | Bangunan bukan<br>kediaman           | Kejuruteraan<br>awam         | Aktiviti<br>pertukangan<br>khas     | Jumlah       |
| <i>Year /<br/>Quarter</i>            | <i>Residential<br/>buildings</i> | <i>Non-residential<br/>buildings</i> | <i>Civil<br/>engineering</i> | <i>Special trade<br/>activities</i> | <i>Total</i> |
| 2023                                 | 809,123                          | 1,295,994                            | 20,986,132                   | 1,951,277                           | 25,042,525   |
| 2022                                 | 640,141                          | 2,584,424                            | 16,231,699                   | 2,214,952                           | 21,671,217   |
| 2021                                 | 594,735                          | 1,679,279                            | 19,085,281                   | 1,964,458                           | 23,323,753   |
| 2020                                 | 676,922                          | 1,708,585                            | 22,014,512                   | 1,664,693                           | 26,064,712   |
| 2019                                 | 1,069,810                        | 2,286,832                            | 31,103,733                   | 1,295,417                           | 35,755,792   |
| 2018                                 | 735,547                          | 3,812,938                            | 27,800,993                   | 1,169,061                           | 33,518,539   |
| 2017                                 | 783,893                          | 4,070,747                            | 22,610,774                   | 791,750                             | 28,257,163   |
| 2016                                 | 2,185,125                        | 4,260,021                            | 18,852,881                   | 849,587                             | 26,147,613   |
| Q1 / 2024                            | 169,914                          | 465,559                              | 6,431,619                    | 555,943                             | 7,623,035    |
| Q4 / 2023                            | 150,090                          | 288,570                              | 6,378,444                    | 394,571                             | 7,211,675    |
| Q3 / 2023                            | 175,635                          | 255,703                              | 6,096,998                    | 446,037                             | 6,974,373    |
| Q2 / 2023                            | 185,451                          | 306,648                              | 4,499,023                    | 458,337                             | 5,449,459    |
| Q1 / 2023                            | 297,947                          | 445,073                              | 4,011,666                    | 652,331                             | 5,407,017    |
| Q4 / 2022                            | 188,850                          | 607,044                              | 3,705,479                    | 618,789                             | 5,120,163    |
| Q3 / 2022                            | 203,242                          | 655,908                              | 4,061,952                    | 632,131                             | 5,553,232    |
| Q2 / 2022                            | 132,959                          | 717,701                              | 4,724,443                    | 469,003                             | 6,044,106    |
| Q1 / 2022                            | 115,091                          | 603,771                              | 3,739,825                    | 495,029                             | 4,953,716    |
| Q4 / 2021                            | 168,584                          | 487,595                              | 3,594,639                    | 421,904                             | 4,672,722    |
| Q3 / 2021                            | 125,112                          | 336,300                              | 4,100,921                    | 384,383                             | 4,946,716    |
| Q2 / 2021                            | 101,419                          | 427,384                              | 5,889,272                    | 577,974                             | 6,996,049    |
| Q1 / 2021                            | 199,620                          | 428,001                              | 5,500,448                    | 580,197                             | 6,708,266    |
| Q4 / 2020                            | 155,688                          | 449,389                              | 6,121,021                    | 629,590                             | 7,355,687    |
| Q3 / 2020                            | 152,970                          | 514,396                              | 6,703,594                    | 347,279                             | 7,718,239    |
| Q2 / 2020                            | 63,328                           | 285,420                              | 2,422,591                    | 331,961                             | 3,103,300    |
| Q1 / 2020                            | 304,937                          | 459,380                              | 6,767,306                    | 355,864                             | 7,887,486    |
| Q4 / 2019                            | 312,846                          | 705,062                              | 7,406,958                    | 336,753                             | 8,761,619    |
| Q3 / 2019                            | 159,404                          | 598,208                              | 8,093,945                    | 331,284                             | 9,182,842    |
| Q2 / 2019                            | 194,381                          | 449,409                              | 8,174,405                    | 384,694                             | 9,202,889    |
| Q1 / 2019                            | 403,179                          | 534,153                              | 7,428,425                    | 242,686                             | 8,608,442    |
| Q4 / 2018                            | 361,562                          | 878,225                              | 7,236,436                    | 298,204                             | 8,774,428    |
| Q3 / 2018                            | 113,242                          | 1,188,796                            | 7,201,136                    | 328,136                             | 8,831,310    |
| Q2 / 2018                            | 105,701                          | 934,862                              | 6,749,370                    | 326,307                             | 8,116,240    |
| Q1 / 2018                            | 155,041                          | 811,055                              | 6,614,051                    | 216,414                             | 7,796,562    |
| Q4 / 2017                            | 212,020                          | 651,924                              | 6,193,512                    | 168,222                             | 7,225,679    |
| Q3 / 2017                            | 188,658                          | 718,369                              | 6,156,800                    | 156,964                             | 7,220,791    |
| Q2 / 2017                            | 130,925                          | 1,589,864                            | 4,822,051                    | 190,512                             | 6,733,353    |
| Q1 / 2017                            | 252,290                          | 1,110,589                            | 5,438,411                    | 276,051                             | 7,077,341    |
| Q4 / 2016                            | 570,055                          | 1,135,329                            | 5,384,689                    | 186,201                             | 7,276,273    |
| Q3 / 2016                            | 627,538                          | 967,203                              | 5,287,635                    | 161,952                             | 7,044,328    |
| Q2 / 2016                            | 434,526                          | 1,235,002                            | 3,802,819                    | 203,250                             | 5,675,596    |
| Q1 / 2016                            | 553,006                          | 922,488                              | 4,377,738                    | 298,184                             | 6,151,415    |



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The background of the page is a sepia-toned photograph of a construction site. On the right side, there is a tall building under construction, completely encased in a dense network of metal scaffolding. To the left, a large tower crane is visible, its long jib extending across the upper part of the frame. The ground in the foreground is uneven and appears to be a mix of dirt and concrete. The overall atmosphere is one of active construction and industrial development.

# **NOTA TEKNIKAL**

## *TECHNICAL NOTES*

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# NOTA TEKNIKAL

- 1. Pendahuluan** Survei Pembinaan Suku Tahunan dijalankan dengan menggunakan pendekatan projek bermula daripada suku pertama 2006. Survei ini hanya meliputi kontraktor utama yang dianugerahkan dengan sesuatu projek. Nilai kerja pembinaan yang dilaporkan oleh kontraktor utama tersebut adalah jumlah keseluruhan nilai kerja yang dibuat tidak kira sama ada dilakukan oleh kontraktor utama atau sub-kontraktor. Memandangkan projek-projek hanya dianugerahkan kepada kontraktor utama, ia menyisihkan kemasukan sub-kontraktor dalam penyiasatan yang mungkin akan menimbulkan elemen pengiraan berganda dalam penyusunan data.
- 2. Objektif** Objektif utama Survei Pembinaan Suku Tahunan adalah untuk mengumpul dan menyusun data mengenai nilai kerja pembinaan untuk menerbitkan Statistik Pembinaan Suku Tahunan. Di samping itu, hasil penemuan survei digunakan dalam penyusunan Keluaran Dalam Negeri Kasar (KDNK) serta membantu kerajaan dalam perancangan ekonomi dan penggubalan dasar. Maklumat tersebut boleh juga digunakan oleh pihak swasta dan individu bagi tujuan membuat analisis ekonomi.
- 3. Kuasa perundangan** Survei ini dilaksanakan dibawah **Akta Perangkaan 1965 (Disemak 1989)**. Seksyen 5 di bawah akta ini menghendaki mana-mana pertubuhan yang beroperasi di Malaysia untuk memberikan maklumat sebenar atau anggaran terbaik kepada Jabatan. Mengikut akta ini, kandungan soal selidik adalah **sulit** dan hanya angka agregat diterbitkan.
- 4. Skop dan liputan** Survei Pembinaan Suku Tahunan melibatkan semua kontraktor utama yang menjalankan projek bernilai RM500,000 dan ke atas yang berdaftar dengan Lembaga Pembangunan Industri Pembinaan (LPIP). Liputan survei adalah terdiri daripada 72 industri pembinaan yang dikelaskan mengikut Piawaian Klasifikasi Industri Malaysia (MSIC) 2008 Ver.1.0. Aktiviti pembinaan yang berkaitan dengan penerokaan minyak dan gas tidak diliputi dalam survei ini. Senarai lengkap industri yang diliputi ditunjukkan di dalam Lampiran.
- 5. Kaedah pengumpulan** Survei ini dijalankan melalui soal selidik mel. Responden diberi tempoh dua minggu untuk melengkap dan mengembalikan soal selidik kepada Jabatan. Selepas tempoh tersebut, lawatan kerja luar akan dijalankan untuk mendapatkan respons daripada pertubuhan yang masih belum mengembalikan soal selidik berkenaan. Bagi kes yang belum respons selepas lawatan kerja luar, anggaran nilai kerja pembinaan menggunakan kaedah statistik yang bersesuaian akan dilakukan. Kadar respons semasa tamat penyiasatan adalah melebihi 90 peratus.
- 6. Kontraktor utama** Kontraktor utama adalah merujuk kepada orang, firma, dan lain-lain yang menerima tanggungjawab bagi menyiapkan keseluruhan sesuatu projek pembinaan. Satu kontrak dibuat dengan pemilik projek bagi kontraktor berkenaan menyiapkan sesuatu jenis kerja

## NOTA TEKNIKAL (SAMB.)

binaan mengikut spesifikasi yang telah ditetapkan dalam perjanjian. Seseorang kontraktor utama boleh membuat keseluruhan kerja atau sub-kontrak keseluruhan atau sebahagian projek tersebut kepada satu atau lebih sub-kontraktor. Walau bagaimanapun, kontraktor utama adalah bertanggungjawab untuk memastikan semua kerja dibuat mengikut kepuasan pemilik projek.

- 7. Unit pelapor** Unit pelapor bagi survei ini ialah kontraktor utama. Unit ini melaporkan status kerja bagi setiap projek pembinaan yang sedang diusahakan.
- 8. Lokasi projek** Lokasi projek adalah merujuk kepada negeri di mana sesuatu projek pembinaan tersebut didirikan.
- 9. Nilai kerja pembinaan** Nilai kerja pembinaan yang dilakukan adalah termasuk pembinaan baru, pembaikan besar, pemulihan, pengubahsuaian dan pembaikan serta penyelenggaraan semasa yang dijalankan dalam tempoh rujukan untuk pemilik atau pelabur projek.
- 10. Jenis aktiviti pembinaan** Kategori jenis pembinaan yang digunakan dalam penerbitan ini adalah mengikut MSIC 2008 Ver. 1.0 seperti berikut :-
- Bangunan kediaman  
(41001)
- Bangunan bukan kediaman  
(41002)
- Kod 41003 dan 41009 dikelaskan di bawah bangunan kediaman atau bukan kediaman mengikut aktiviti yang dijalankan
- Kejuruteraan awam  
(42101 - 42106, 42109, 42201 - 42207, 42209, 42901 - 42906, 42909)
- Aktiviti pembinaan pertukangan khas (Pertukangan khas)  
(43110, 43121 - 43126, 43129, 43211 - 43216, 43219, 43221 - 43229, 43291 - 43295, 43299, 43301 - 43307, 43309, 43901 - 43907, 43909)
- 11. Perbadanan awam** Perbadanan awam ditubuhkan di bawah undang-undang yang diluluskan oleh Akta Parlimen atau Dewan Undangan Negeri. Ia bertujuan untuk membolehkan kerajaan terlibat secara terus dalam bidang pembangunan sosio-ekonomi negara. Ia terdiri daripada badan-badan berkanun dan badan-badan tidak berkanun yang dapat bergerak dan mengendalikan program kerajaan dengan lebih bebas. Contoh perbadanan awam ialah Tenaga Nasional Berhad, Telekom Malaysia Berhad, Keretapi Tanah Melayu Berhad, dll.
- 12. Pembundaran** Jumlah bagi komponen-komponen mungkin berbeza daripada jumlah besar di jadual dalam penerbitan ini oleh kerana pembundaran angka.

## NOTA TEKNIKAL (SAMB.)

### 13. Simbol dan huruf ringkas

Simbol dan singkatan berikut telah digunakan dalam penerbitan:-

|          |                               |
|----------|-------------------------------|
| QoQ      | Suku tahun ke suku tahun      |
| YoY      | Tahun ke tahun                |
| -        | Tiada                         |
| Bil.     | Bilangan                      |
| RM       | Ringgit Malaysia              |
| ST       | Suku Tahun                    |
| t.t.t.l. | Tidak terkelas di tempat lain |
| b        | Bilion                        |

## TECHNICAL NOTES

- 1. Introduction**     *The Quarterly Construction Survey is conducted based on project approach starting from the first quarter 2006. This survey covers only main contractors who are awarded with the projects. The value of work done reported by these main contractors is the value of work done irrespective of whether the main contractor or the sub-contractor did the work. Since projects are only awarded to the main contractors, it eliminates the inclusion of sub-contractors in the survey which may create an element of double counting in the compilation of data.*
- 2. Objective**     *The main objective of the Quarterly Construction Survey is to collect and compile data on the value of work done to publish Quarterly Construction Statistics. Furthermore, the findings of the survey are used in the compilation of Gross Domestic Product (GDP) as well as assisting government in economic planning and policy formulation. The data can also be used by the private sector and individuals for economic analysis.*
- 3. Legal authority**     *The survey was conducted under the provisions of the **Statistics Act, 1965 (Revised 1989)**. Section 5 of this Act requires all establishments operating in Malaysia to provide actual information or best estimates to the Department. The Act stipulates that the contents of individual returns are **confidential** and only aggregated figures are published.*
- 4. Scope and coverage**     *The Quarterly Construction Survey covers all main contractors with value of projects worth RM500,000 and above registered with the Construction Industry Development Board (CIDB). The survey coverage consist of 72 construction industries classified according to the Malaysian Standard Industrial Classification (MSIC) 2008. Construction activities related to oil and gas explorations are not covered in this survey. A complete list of the industries covered are shown in the Appendix.*
- 5. Method of collection**     *The survey is conducted using mail questionnaire. The respondents are given two weeks to complete and return the questionnaire to the Department. After the said period, field visits are conducted to obtain response from the establishments which have not returned the questionnaires. As for non-response, the value of work done will be estimated using an appropriate statistical method. The response rate at the close of the survey was above 90 per cent.*
- 6. Main contractor**     *Main contractor is a person, firm, etc. that accepts responsibility for completing the entire construction job. A contract is entered into with the owner of the project for the contractor to complete a certain type of construction work according to the specifications laid down in the contract. A main contractor may do all or sub-contract the whole or part of the project to one or more sub-contractors. However, the main contractor is responsible to see the whole work is done to the satisfaction of the project owner.*

## TECHNICAL NOTES (CONT'D.)

- 7. Reporting unit** *The reporting unit of this survey is the main contractor. This unit reports on the work status of each of its construction project.*
- 8. Location of project** *Location of project refers to the state where the project is being carried out.*
- 9. Value of work done** *The value of work done includes new construction, major repairs, repairs, renovations and repairs and current maintenance carried out during the reference period for the project owner or investor.*
- 10. Type of construction activity** *The type of construction category used in the publication follows the MSIC 2008 ver. 1.0 :-*
- Residential buildings (41001)*
- Non-residential buildings (41002)*
- Codes 41003 and 41009 are classified under the residential or non-residential buildings based on the types of activity carried out*
- Civil engineering (42101-42106, 42109, 42201-42207, 42209, 42901-42906, 42909)*
- Specialized construction activities (Special trade) (43110, 43121-43126, 43129, 43211-43216, 43219, 43221-43229, 43291-43295, 43299, 43301-43307, 43309, 43901-43907, 43909)*
- 11. Public corporation** *The public corporation is set up under the laws passed by the Parliament Act or the State Legislative Assembly. It enables the government to be involved directly in the socio-economic development of the country. It consists of statutory bodies and non-statutory bodies which can operate and manage the government programs more independently. Examples of public corporations are Tenaga Nasional Berhad, Telekom Malaysia Berhad, Keretapi Tanah Melayu Berhad, etc.*
- 12. Rounding** *The sum of components may not add up to the total in the tables presented in this publication due to rounding.*



**13. Symbols and notations**    *The following symbols and notations were used in the publication:-*

|               |                                 |
|---------------|---------------------------------|
| <i>QoQ</i>    | <i>Quarter on quarter</i>       |
| <i>YoY</i>    | <i>Year on year</i>             |
| <i>-</i>      | <i>Not available</i>            |
| <i>No.</i>    | <i>Number</i>                   |
| <i>RM</i>     | <i>Ringgit Malaysia</i>         |
| <i>Q</i>      | <i>Quarter</i>                  |
| <i>n.e.c.</i> | <i>Not elsewhere classified</i> |
| <i>b</i>      | <i>Billion</i>                  |



**PIAWAIAN KLASIFIKASI INDUSTRI MALAYSIA 2008**  
**Ver. 1.0 (SEKSYEN F: PEMBINAAN)**

*MALAYSIA STANDARD INDUSTRIAL CLASSIFICATION 2008*  
*Ver. 1.0 (SECTION F: CONSTRUCTION)*

**LAMPIRAN**  
*APPENDIX*

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## LAMPIRAN / APPENDIX

PIAWAIAN KLASIFIKASI INDUSTRI MALAYSIA 2008 Ver. 1.0  
(SEKSYEN F : PEMBINAAN)  
MALAYSIA STANDARD INDUSTRIAL CLASSIFICATION 2008 Ver. 1.0  
(SECTION F : CONSTRUCTION)

| KOD INDUSTRI<br>INDUSTRY CODE | PENERANGAN<br>DESCRIPTION                                                                                                                                                                  |
|-------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                               | <b>BANGUNAN KEDIAMAN / BANGUNAN BUKAN KEDIAMAN</b><br><i>RESIDENTIAL BUILDINGS / NON-RESIDENTIAL BUILDINGS</i>                                                                             |
| <b>4100</b>                   | <b>Pembinaan bangunan</b><br><i>Construction of buildings</i>                                                                                                                              |
| 41001                         | <b>Bangunan kediaman</b><br><i>Residential buildings</i>                                                                                                                                   |
| 41002                         | <b>Bangunan bukan kediaman</b><br><i>Non-residential buildings</i>                                                                                                                         |
| 41003                         | <b>Pemasangan dan pendirian bangunan pasang siap di tapak pembinaan</b><br><i>Assembly and erection of prefabricated constructions on the site</i>                                         |
| 41009                         | <b>Pembinaan bangunan t.t.t.l.</b><br><i>Construction of buildings n.e.c.</i>                                                                                                              |
|                               | <b>KEJURUTERAAN AWAM</b><br><i>CIVIL ENGINEERING</i>                                                                                                                                       |
| <b>4210</b>                   | <b>Pembinaan jalan raya dan landasan kereta api</b><br><i>Construction of roads and railways</i>                                                                                           |
| 42101                         | <b>Pembinaan laluan kenderaan bermotor, lorong, jalan, laluan pejalan kaki dan kenderaan lain</b><br><i>Construction of motorways, streets, roads, other vehicular and pedestrian ways</i> |
| 42102                         | <b>Kerja penurapan jalan, jalan raya, lebuh raya, jambatan atau terowong</b><br><i>Surface work on streets, roads, highways, bridges or tunnels</i>                                        |
| 42103                         | <b>Pembinaan jambatan termasuk untuk lebuh raya bertingkat</b><br><i>Construction of bridges, including those for elevated highways</i>                                                    |
| 42104                         | <b>Pembinaan terowong</b><br><i>Construction of tunnels</i>                                                                                                                                |
| 42105                         | <b>Pembinaan landasan keretapi dan laluan bawah tanah</b><br><i>Construction of railways and subways</i>                                                                                   |
| 42106                         | <b>Pembinaan landasan lapangan terbang</b><br><i>Construction of airfield/airports runways</i>                                                                                             |
| 42109                         | <b>Pembinaan jalan raya dan landasan keretapi t.t.t.l.</b><br><i>Construction of roads and railways n.e.c.</i>                                                                             |
| <b>4220</b>                   | <b>Pembinaan projek utiliti</b><br><i>Construction of utility projects</i>                                                                                                                 |
| 42201                         | <b>Saluran paip jarak jauh, talian komunikasi dan kuasa</b><br><i>Long-distance pipelines, communication and power lines</i>                                                               |

| KOD INDUSTRI<br>INDUSTRY CODE | PENERANGAN<br>DESCRIPTION                                                                                                                                                                            |
|-------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 42202 :                       | <b>Saluran paip dalam bandar, talian komunikasi dan kuasa dalam bandar, kerja-kerja berkaitan dalam bandar</b><br><i>Urban pipelines, urban communication and power lines; ancillary urban works</i> |
| 42203 :                       | <b>Pembinaan punca dan saluran air</b><br><i>Water main and line construction</i>                                                                                                                    |
| 42204 :                       | <b>Loji takungan</b><br><i>Reservoirs</i>                                                                                                                                                            |
| 42205 :                       | <b>Pembinaan sistem pengairan (terusan)</b><br><i>Construction of irrigation systems (canals)</i>                                                                                                    |
| 42206 :                       | <b>Pembinaan sistem pembetungan (termasuk pembaikan) dan loji pelupusan sisa kumbahan</b><br><i>Construction of sewer systems (including repair) and sewage disposal plants</i>                      |
| 42207 :                       | <b>Pembinaan janakuasa</b><br><i>Construction of power plants</i>                                                                                                                                    |
| 42209 :                       | <b>Pembinaan projek utiliti t.t.t.l.</b><br><i>Construction of utility projects n.e.c</i>                                                                                                            |
| <b>4290</b>                   | <b>Pembinaan projek kejuruteraan awam lain, kecuali bangunan</b><br><i>Construction of other civil engineering projects, except buildings</i>                                                        |
| 42901 :                       | <b>Pembinaan loji penapisan</b><br><i>Construction of refineries</i>                                                                                                                                 |
| 42902 :                       | <b>Pembinaan laluan air, kerja pelabuhan dan sungai, pleasure ports (marinas), kunci air</b><br><i>Construction of waterways, harbour and river works, pleasure ports (marinas), locks</i>           |
| 42903 :                       | <b>Pembinaan empangan dan daik</b><br><i>Construction of dams and dykes</i>                                                                                                                          |
| 42904 :                       | <b>Penggalian laluan air</b><br><i>Dredging of waterways</i>                                                                                                                                         |
| 42905 :                       | <b>Kemudahan sukan luar dewan</b><br><i>Outdoor sports facilities</i>                                                                                                                                |
| 42906 :                       | <b>Pembahagian tanah beserta dengan penambahbaikan tanah</b><br><i>Land subdivision with land improvement</i>                                                                                        |
| 42909 :                       | <b>Pembinaan projek kejuruteraan awam lain t.t.t.l.</b><br><i>Construction of other engineering projects n.e.c.</i>                                                                                  |

| KOD INDUSTRI<br>INDUSTRY CODE | PENERANGAN<br>DESCRIPTION |
|-------------------------------|---------------------------|
|-------------------------------|---------------------------|

**PERTUKANGAN KHAS**
**SPECIAL TRADES**
**4311**
**Perobohan / Demolition**

43110 : **Perobohan atau peranapan bangunan dan struktur lain**  
*Demolition or wrecking of buildings and other structures*

**4312**
**Penyediaan tapak**
**Sites preparation**

43121 : **Pembersihan tapak bangunan**  
*Clearing of building sites*

43122 : **Pengalihan tanah**  
*Earth moving*

43123 : **Pengujian tanah, pengerudian dan penggalian tanah untuk tujuan pembinaan, geofizikal,geologikal atau tujuan seumpamanya**  
*Drilling, boring and core sampling for construction, geophysical, geological or similar purposes*

43124 : **Penyediaan tapak bagi perlombongan**  
*Site preparation for mining*

43125 : **Perparitan bagi tanah pertanian atau perhutanan**  
*Drainage of agricultural or forestry land*

43126 : **Kerja penebusgunaan tanah**  
*Land reclamation work*

43129 : **Aktiviti penyediaan tapak lain t.t.t.l.**  
*Other site preparation activities n.e.c.*

**4321**
**Pemasangan elektrik**
**Electrical installation**

43211 : **Pendawaian dan pemasangan elektrik**  
*Electrical wiring and fittings*

43212 : **Pendawaian telekomunikasi**  
*Telecommunications wiring*

43213 : **Pendawaian rangkaian komputer dan kabel televisyen**  
*Computer network and cable television wiring*

43214 : **Piring satelit**  
*Satellite dishes*

43215 : **Sistem pencahayaan**  
*Lighting systems*

## LAMPIRAN / APPENDIX (SAMB. / CONT'D.)

| KOD INDUSTRI<br>INDUSTRY CODE | PENERANGAN<br>DESCRIPTION                                                                                                                                                                    |
|-------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 43216 :                       | <b>Sistem keselamatan</b><br><i>Security systems</i>                                                                                                                                         |
| 43219 :                       | <b>Pemasangan elektrik t.t.t.l.</b><br><i>Electrical installation n.e.c.</i>                                                                                                                 |
| <b>4322</b>                   | <b>Pemasangan sistem paip, pemanasan dan pendinginan udara</b><br><i>Plumbing, heat and air-conditioning installation</i>                                                                    |
| 43221 :                       | <b>Pemasangan sistem pemanasan (elektrik, gas dan minyak)</b><br><i>Installation of heating systems (electric, gas and oil)</i>                                                              |
| 43222 :                       | <b>Pemasangan relau, menara pendinginan</b><br><i>Installation of furnaces, cooling towers</i>                                                                                               |
| 43223 :                       | <b>Pemasangan pengumpul tenaga solar bukan elektrik</b><br><i>Installation of non-electric solar energy collectors</i>                                                                       |
| 43224 :                       | <b>Pemasangan sistem paip dan peralatan sanitasi</b><br><i>Installation of plumbing and sanitary equipment</i>                                                                               |
| 43225 :                       | <b>Pemasangan peralatan dan saluran pengudaraan, penyejukan atau pendinginan udara</b><br><i>Installation of ventilation, refrigeration or air-conditioning equipment and ducts</i>          |
| 43226 :                       | <b>Pemasangan kelengkapan gas</b><br><i>Installation of gas fittings</i>                                                                                                                     |
| 43227 :                       | <b>Pemasangan sistem perenjis air untuk kebakaran dan padang</b><br><i>Installation of fire and lawn sprinkler systems</i>                                                                   |
| 43228 :                       | <b>Pemasangan paip untuk wap</b><br><i>Steam piping</i>                                                                                                                                      |
| 43229 :                       | <b>Pemasangan sistem paip, pemanasan dan pendinginan udara t.t.t.l.</b><br><i>Plumbing, heat and air-conditioning installation n.e.c.</i>                                                    |
| <b>4329</b>                   | <b>Pemasangan pembinaan lain</b><br><i>Other construction installation</i>                                                                                                                   |
| 43291 :                       | <b>Pemasangan lif, eskalator dalam bangunan atau projek pembinaan lain</b><br><i>Installation of elevators, escalators in buildings or other construction projects</i>                       |
| 43292 :                       | <b>Pemasangan pintu automatik dan berputar dalam bangunan atau projek pembinaan lain</b><br><i>Installation of automated and revolving doors in buildings or other construction projects</i> |
| 43293 :                       | <b>Pemasangan konduktor kilat dalam bangunan atau projek pembinaan lain</b><br><i>Installation of lightning conductors in buildings or other construction projects</i>                       |



| KOD INDUSTRI<br>INDUSTRY CODE | PENERANGAN<br>DESCRIPTION |
|-------------------------------|---------------------------|
|-------------------------------|---------------------------|

|             |                                                                                                                                                                                                                                                                                                                         |
|-------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 43294 :     | <b>Pemasangan sistem pembersihan vakum dalam bangunan atau projek pembinaan lain</b><br><i>Installation vacuum cleaning systems in buildings or other construction projects</i>                                                                                                                                         |
| 43295 :     | <b>Pemasangan sistem penebatan haba, bunyi atau gegaran dalam bangunan atau projek pembinaan lain</b><br><i>Installation thermal, sound or vibration insulation in buildings or other construction projects</i>                                                                                                         |
| 43299 :     | <b>Pemasangan pembinaan lain t.t.t.l.</b><br><i>Other construction installation n.e.c.</i>                                                                                                                                                                                                                              |
| <b>4330</b> | <b>Penyiapan dan kemasan bangunan</b><br><i>Building completion and finishing</i>                                                                                                                                                                                                                                       |
| 43301 :     | <b>Pemasangan rangka pintu, tingkap, rangka/bingkai pintu dan tingkap daripada kayu atau bahan lain, dapur pasang siap, tangga, kelengkapan kedai dan perabot</b><br><i>Installation of doors, windows, door and window frames of wood or other materials, fitted kitchens, staircases, shop fittings and furniture</i> |
| 43302 :     | <b>Melapis, memasang jubin, menggantung atau memasang kelengkapan bangunan atau projek pembinaan lain daripada pelbagai bahan</b><br><i>Laying, tiling, hanging or fitting in buildings or other construction projects of various types of materials</i>                                                                |
| 43303 :     | <b>Mengecat dalam dan luar bangunan</b><br><i>Interior and exterior painting of buildings</i>                                                                                                                                                                                                                           |
| 43304 :     | <b>Mengecat struktur kejuruteraan awam</b><br><i>Painting of civil engineering structures</i>                                                                                                                                                                                                                           |
| 43305 :     | <b>Pemasangan kaca, cermin</b><br><i>Installation of glass, mirrors</i>                                                                                                                                                                                                                                                 |
| 43306 :     | <b>Penyiapan dalaman bangunan</b><br><i>Interior completion</i>                                                                                                                                                                                                                                                         |
| 43307 :     | <b>Pembersihan bangunan baru selepas kerja pembinaan</b><br><i>Cleaning of new buildings after construction</i>                                                                                                                                                                                                         |
| 43309 :     | <b>Penyiapan dan kemasan bangunan lain t.t.t.l.</b><br><i>Other building completion and finishing work n.e.c.</i>                                                                                                                                                                                                       |



## LAMPIRAN / APPENDIX (SAMB. / CONT'D.)

| KOD INDUSTRI<br>INDUSTRY CODE | PENERANGAN<br>DESCRIPTION                                                                                                                                                                           |
|-------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>4390</b>                   | <b>Aktiviti pembinaan pertukangan khas lain</b><br><i>Other specialized construction activities</i>                                                                                                 |
| 43901 :                       | <b>Pembinaan tapak, termasuk memantak cerucuk</b><br><i>Construction of foundations, including pile driving</i>                                                                                     |
| 43902 :                       | <b>Pembinaan elemen keluli yang bukan dibuat sendiri</b><br><i>Erection of non-self-manufactured steel elements</i>                                                                                 |
| 43903 :                       | <b>Memasang dan membuka semula perancah dan platform kerja</b><br><i>Scaffolds and work platform erecting and dismantling</i>                                                                       |
| 43904 :                       | <b>Kerja mengikat dan menyusun bata</b><br><i>Bricklaying and stone setting</i>                                                                                                                     |
| 43905 :                       | <b>Pembinaan kolam renang luar bangunan</b><br><i>Construction of outdoor swimming pools</i>                                                                                                        |
| 43906 :                       | <b>Pembersihan menggunakan stim, pancutan air deras berpasir dan aktiviti seumpamanya untuk luar bangunan</b><br><i>Steam cleaning, sand blasting and similar activities for building exteriors</i> |
| 43907 :                       | <b>Penyewaan jentera dan peralatan pembinaan dengan operator (cth. kren)</b><br><i>Renting of construction machinery and equipment with operator (e.g. cranes)</i>                                  |
| 43909 :                       | <b>Aktiviti pembinaan pertukangan khas lain t.t.t.l.</b><br><i>Other specialised construction activities, n.e.c.</i>                                                                                |