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# **DOKUMEN TENDER**

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**MAJLIS PERBANDARAN KAJANG**



**MPKj T 5/2021**

**KERJA-KERJA MENURAP SEMULA JALAN DI  
SEBAHAGIAN JALAN PERSIARAN MAHKOTA 1 DAN  
PERSIARAN MAHKOTA 2, BANDAR BUKIT  
MAHKOTA, DAERAH HULU LANGAT SERTA KERJA-  
KERJA YANG BERKAITAN DENGANNYA**

*\*Untuk diisi oleh pihak MPKj sahaja*

**TENDER TELAH DIBUKA**

**PADA :** \_\_\_\_\_

**MASA :** \_\_\_\_\_

**DISAHKAN OLEH :**

\_\_\_\_\_

**MPKj**

**NO. RESIT :**

**BAYARAN : RM 150.00**

**TARIKH :**

**T/TANGAN :**

**KERJA-KERJA MENURAP SEMULA JALAN DI SEBAHAGIAN JALAN PERSIARAN MAHKOTA 1 DAN PERSIARAN MAHKOTA 2, BANDAR BUKIT MAHKOTA, DAERAH HULU LANGAT SERTA KERJA-KERJA YANG BERKAITAN DENGANNYA**

<b>BIL</b>	<b>ISI KANDUNGAN</b>	<b>MUKA SURAT</b>
	PELAWAAN TENDER	
	SENARAI SEMAK	
A	ARAHAN KEPADA PETENDER	AKP 1 – AKP 12
B	SURAT AKUAN PEMBIDA	
C	BORANG TENDER	1 – 11
D	SURAT SETUJUTERIMA TENDER	1 – 13
E	BORANG KONTRAK STANDARD BAGI KONTRAK YANG MANA BUTIRAN KERJA MENJADI SEBAHAGIAN DARIPADA KONTRAK	1 – 50
F	APPENDIX TO THE CONDITION OF CONTRACT	51 – 53
G	ADDENDA NO.1, 2 & 3 KEPADA SYARAT-SYARAT KONTRAK	1 – 6
H	SYARAT-SYARAT KHAS TERHADAP KONTRAK	SP/3/1 – SP/4/2
J	RINGKASAN TAWARAN	
K	SENARAI KUANTITI	BQ1/7 – BQ7/7
L	SKOP KERJA PENURAPAN JALAN	1 – 4
M	SCHEDULE OF DAYWORKS RATE	SDR/1 – SDR/5
N	MEASUREMENT APPLICATION AND PRICING FACTORS	1 – 19
P	MAKLUMAT AM LATAR BELAKANG KONTRAKTOR	H/1 – H/13
Q	LUKISAN	

## PELAWAAN TENDER

### **KERJA-KERJA MENURAP SEMULA JALAN DI SEBAHAGIAN JALAN PERSIARAN MAHKOTA 1 DAN PERSIARAN MAHKOTA 2, BANDAR BUKIT MAHKOTA, DAERAH HULU LANGAT SERTA KERJA-KERJA YANG BERKAITAN DENGANNYA**

1. Tawaran adalah dipelawa kepada kontraktor-kontraktor yang memiliki Sijil Perakuan Pendaftaran Kontraktor (SPPK) dan Sijil Perolehan Kerja Kerajaan (SPKK) dari Lembaga Pembangunan Industri Pembinaan Malaysia (CIDB) dalam gred G4, kategori dan pengkhususan CE01 & CE21 berkaitan dan memiliki Sijil Taraf Bumiputera dari Bahagian Pembangunan Kontraktor dan Usahawan (BPKU) bagi perolehan yang berkenaan. Kontraktor / syarikat juga perlu berdaftar dengan Unit Perancang Ekonomi (UPEN) Selangor dan masih dibenarkan membuat tawaran buat masa ini bagi kerja yang berkenaan.
2. Pembelian Dokumen Tawaran hanya boleh dibuat secara atas talian dengan harga **RM150.00 senaskah** (tidak akan dikembalikan). Dokumen Tawaran boleh diperolehi dengan cara memuat turun dokumen di laman sesawang Sistem Tender Online Selangor 2.0 setelah pembayaran berjaya dilakukan.
3. Pembelian Dokumen Tawaran secara atas talian diwajibkan melampirkan salinan resit asal bayaran semasa tarikh tutup tender. Resit tersebut hendaklah dilampirkan di mukasurat hadapan dokumen. Kegagalan berbuat demikian boleh menyebabkan Dokumen Tawaran ditolak.
4. Tempoh jualan Dokumen Tawaran bermula pada **26 MAC 2021** hingga **16 APRIL 2021**. Tawaran ini akan ditutup pada **16 APRIL 2021, JAM 12.00 TENGAHARI**. Dokumen Tawaran tidak akan dijual selepas tarikh tersebut.
5. Pihak tuan/puan digalakkan untuk menghantar dokumen tawaran seawal **lima (5) hari bekerja** sebelum tarikh tutup yang telah ditetapkan. Ini adalah bagi memastikan Prosedur Operasi Standard (SOP) dari Kementerian Kesihatan Malaysia (KKM) semasa menghantar dokumen tawaran seperti memastikan penjarakan fizikal dipatuhi dan tidak dibenarkan menghantar dokumen tawaran secara berkumpulan.
6. **Pihak Bahagian Bekalan Dan Perolehan tidak akan bertanggungjawab ke atas sebarang kelewatan atau kesilapan Petender melihat tarikh tutup tender semasa membuat penghantaran dokumen tawaran.**
7. Petender diwajibkan menghantar **Profil Syarikat** yang lengkap termasuk **penyata kewangan** bagi tempoh tiga (3) bulan terkini, dilampirkan bersama Dokumen Tawaran yang telah lengkap.

8. Tawaran yang telah lengkap diisi hendaklah dimasukkan ke dalam sampul surat berlakri dan bertulis dengan tajuk dan nombor tender berkenaan di atas sebelah kiri sampul surat dan hendaklah dihantar supaya sampai ke dalam **Peti Tawaran Bahagian Bekalan Dan Perolehan Tingkat 6A, Menara MPKj, Jalan Cempaka Putih Off Jalan Semenyih, 43000, Kajang, Selangor Darul Ehsan.**
9. Pihak Majlis Perbandaran Kajang tidak terikat untuk menerima mana-mana tender.

Sekian dimaklumkan.  
Yang Dipertua,  
Majlis Perbandaran Kajang

DOKUMEN MEJA TERKAWAL



Lampiran C

## SENARAI SEMAKAN (BEKALAN/PERKHIDMATAN/KERJA)

Sila tandakan  /  Bagi Dokumen-dokumen Yang Disertakan.

Bil.	Perkara/Dokumen	Untuk Ditanda Oleh Syarikat	Untuk Ditanda Oleh Jawatankuasa Pembuka Tender
1.	Salinan bukti resit pembayaran ( <b>Sistem Tender Online Selangor 2.0</b> )	<input type="checkbox"/>	<input type="checkbox"/>
2.	Salinan Sijil Akuan Pendaftaran Dari Suruhanjaya Syarikat Malaysia (SSM)	<input type="checkbox"/>	<input type="checkbox"/>
3.	Salinan Sijil Akuan Pendaftaran Dari Kementerian Kewangan (KKM) (Bekalan/Perkhidmatan)	<input type="checkbox"/>	<input type="checkbox"/>
4.	Salinan Sijil Akuan Bumiputera Dari Kementerian Kewangan (KKM) (Bekalan/Perkhidmatan)	<input type="checkbox"/>	<input type="checkbox"/>
5.	Salinan Sijil Akuan Pembuat Dari Kementerian Kewangan (KKM) (Bekalan/Perkhidmatan)	<input type="checkbox"/>	<input type="checkbox"/>
6.	Salinan Sijil Perolehan Kerja Kerajaan (SPKK) (Kerja)	<input type="checkbox"/>	<input type="checkbox"/>
7.	Salinan Sijil Perakuan Pendaftaran Kontraktor (SPPK) (Kerja)	<input type="checkbox"/>	<input type="checkbox"/>
8.	Salinan Sijil Perakuan Pendaftaran Kontraktor Bahagian Pembangunan Kontraktor Dan Usahawan (BPKU) (Kerja)	<input type="checkbox"/>	<input type="checkbox"/>
9.	Salinan Sijil Taraf Bumiputra (STB)	<input type="checkbox"/>	<input type="checkbox"/>
10.	Salinan Sijil Pendaftaran Dari CIDB	<input type="checkbox"/>	<input type="checkbox"/>
11.	Bukti Pendaftaran Dengan UPEN	<input type="checkbox"/>	<input type="checkbox"/>
12.	Salinan Bukti Pendaftaran SST dengan Jabatan Kastam Diraja Malaysia (JKDM) (Sekiranya berdaftar)	<input type="checkbox"/>	<input type="checkbox"/>
13.	Borang Tender Telah Diisi Dengan Lengkap (termasuk nilai tawaran dan tempoh siap) dan Ditandatangani	<input type="checkbox"/>	<input type="checkbox"/>
14.	Surat Akuan Pembida (Integrity Pact)	<input type="checkbox"/>	<input type="checkbox"/>
15.	Borang Maklumat Petender	<input type="checkbox"/>	<input type="checkbox"/>
16.	Pematuhan Kepada Spesifikasi	<input type="checkbox"/>	<input type="checkbox"/>

Bil.	Perkara/Dokumen	Untuk Ditanda Oleh Syarikat	Untuk Ditanda Oleh Jawatankuasa Pembuka Tender
17.	Borang Penyerahan Contoh Dan Katalog (jika berkaitan)	<input type="checkbox"/>	<input type="checkbox"/>
18.	Cadangan Penyelenggaraan/Pyenggaraan (jika perlu)	<input type="checkbox"/>	<input type="checkbox"/>
19.	Senarai Kakitangan Teknikal (jika berkaitan)	<input type="checkbox"/>	<input type="checkbox"/>
20.	Salinan Penyata Bulanan Akaun Bank bagi tiga (3) bulan terakhir:- (Penyata bank yang telah disahkan oleh pihak bank yang mengeluarkan penyata tersebut) 1) Disember 2020 2) Januari 2021 3) Februari 2021	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
21.	Lain-lain Sekiranya Ada	<input type="checkbox"/>	<input type="checkbox"/>

<p><b>PENGESAHAN OLEH SYARIKAT</b></p> <p>Dengan ini saya mengesahkan bahawa saya telah membaca dan memahami semua syarat-syarat dan terma yang dinyatakan di dalam dokumen sebut harga. Semua maklumat yang dikemukakan adalah benar.</p> <p>Tandatangan:</p> <p>Nama:</p> <p>Jawatan:</p> <p>Tarikh:</p>	<p><b>UNTUK KEGUNAAN JABATAN</b></p> <p>Jawatankuasa Pembuka Tender mengesahkan penerimaan dokumen bertanda kecuali bagi perkara bil. .... (jika ada).</p> <p>Tandatangan:</p> <p>Nama:</p> <p>Jawatan:</p> <p>Tarikh:</p> <p>Tandatangan:</p> <p>Nama:</p> <p>Jawatan:</p> <p>Tarikh:</p> <p>Tandatangan:</p> <p>Nama:</p> <p>Jawatan:</p> <p>Tarikh:</p>
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## MAJLIS PERBANDARAN KAJANG

### SENARAI SEMAKAN MENGEMUKAKAN TENDER PANDUAN KEPADA PETENDER

**KERJA-KERJA MENURAP SEMULA JALAN DI SEBAHAGIAN JALAN PERSIARAN MAHKOTA 1 DAN PERSIARAN MAHKOTA 2, BANDAR BUKIT MAHKOTA, DAERAH HULU LANGAT SERTA KERJA-KERJA YANG BERKAITAN DENGANNYA**

NOTA :

- a. Senarai semakan ini adalah bertujuan bagi menolong Petender mengemukakan satu tender yang lengkap dan tanpa sebarang kesilapan. Semua Petender adalah dinasihatkan supaya menggunakan senarai semakan ini bagi menyemak tender mereka sebelum menyerahkan tender masing-masing.
- b. Segala usaha telah diambil untuk menyenaraikan perkara-perkara yang lazimnya perlu diambil tindakan oleh seorang Petender dalam mengemukakan tendernya. Walaupun begitu, adalah menjadi tanggungjawab Petender sepenuhnya bagi menentukan lengkapnya sesuatu tender yang dikemukakannya itu.
- c. Petender adalah digalakkan menggunakan senarai semakan ini sebagai panduan bahawa sesuatu tindakan perlu diambil atau peringatan bahawa tindakan telah diambil untuk memastikan kesempurnaan tender yang dikemukakan.
- d. Petender adalah bertanggungjawab sepenuhnya bagi memastikan setiap dokumen tender yang dibelinya adalah lengkap dan jika terdapat apa-apa ketidaksempurnaan pada dokumen atau muka surat di dalam dokumen tender berkenaan berdasarkan semakan oleh petender dengan Senarai Semakan Kandungan Dokumen Tender, adalah menjadi tanggungjawab petender untuk merujuk kepada pejabat ini supaya pembetulan kepada ketidaksempurnaan tersebut dapat dibuat.

**ARAHAN KEPADA PETENDER**



## ARAHAN KEPADA PETENDER

### 1.0 Am

Arahan Kepada Petender ini, dalam mana mempengaruhi pelaksanaan Kontrak, hendaklah menjadi sebahagian daripada Kontrak.

### 2.0 Dokumen Tender

2.1 **Setiap Petender akan menerima Satu (1) set Dokumen Tender lengkap berserta lukisan (muat turun secara atas talian di Sistem Tender Online Selangor 2.0)**

2.2 Dokumen Tawaran yang lengkap diisi hendaklah dimasukkan ke dalam sampul surat bermeteri dan bertanda dengan tajuk berkenaan dan dimasukkan ke dalam Peti Tawaran di:

Bahagian Bekalan dan Perolehan  
Jabatan Khidmat Pengurusan  
Tingkat 6A, Menara MPKj  
Jalan Cempaka Putih  
Off Jalan Semenyih  
43000 Kajang  
Selangor Darul Ehsan

2.3 Petender adalah bertanggungjawab sepenuhnya bagi memastikan setiap dokumen tender yang dicetak/dimuat turun adalah lengkap dan jika terdapat apa-apa ketidaksempurnaan pada dokumen atau mukasurat di dalam dokumen tender berkenaan berdasarkan semakan oleh petender dengan Senarai Semakan Kandungan Dokumen Tender, adalah menjadi tanggungjawab Petender untuk merujuk kepada pejabat yang menyediakan dokumen tender supaya pembetulan kepada ketidaksempurnaan tersebut dapat dibuat.

2.4 Petender adalah dikehendaki mengisi dan mematuhi sepenuhnya perkara-perkara berikut yang menjadi sebahagian daripada Tender iaitu:-

- a) Dokumen tender
- b) Borang Maklumat/latarbelakang Petender
- c) Memasukkan dokumen tender ke dalam peti mengikut label yang telah ditetapkan

(Rujuk kepada Senarai Semakan Mengemukakan Tender)

2.5 Kegagalan pihak Petender untuk menyerahkan sebarang dokumen seperti yang dinyatakan di atas boleh menyebabkan Tendernya **DITOLAK**.

2.6 Jika tender dihantar dengan menggunakan perkhidmatan pos atau perkhidmatan 'courier' Petender hendaklah memastikan dokumen-dokumennya selamat tiba pada alamat yang telah ditetapkan sebelum waktu tutup tender. Sebarang kelewatan yang timbul dalam urusan tersebut tidak akan dilayan.

2.7 Kerajaan tidak akan dipertanggungjawabkan untuk atau membayar apa-apa kos atau perbelanjaan atau kerugian yang dialami oleh Petender di dalam penyediaan atau penghantaran Tender beliau.

## ARAHAN KEPADA PETENDER

### 3.0 Tempoh Siap Kerja Yang Ditetapkan.

- 3.1 Tempoh Siap Kerja yang ditetapkan adalah dalam tempoh **10 MINGGU**.
- 3.2 Petender yang menawarkan tempoh siap kerja melebihi tempoh di atas tidak akan dipertimbangkan.

### 4.0 Lawatan Tapak

- 4.1 Lawatan tapak adalah sebagaimana yang dinyatakan di dalam iklan tender.
- 4.2 Jika dinyatakan lawatan tapak sebagai **Wajib**, petender adalah **diwajibkan** untuk menghadiri lawatan tapak tersebut pada masa dan tempat yang telah ditetapkan. Kegagalan petender untuk menghadiri lawatan tapak akan menyebabkan petender gagal untuk memasuki tender tersebut.
- 4.3 Jika dinyatakan lawatan tapak sebagai **Digalakkan** petender hanyalah dinasihatkan supaya melawat tapak projek sebelum mengemukakan tendernya bagi mengetahui lebih lanjut mengenai keadaan tapak bina yang akan dihadapi. Sebarang tuntutan akibat kesilapan dalam menentukan kaedah pembinaan atau menghargakan tender disebabkan kekurangan pengetahuan mengenai keadaan tapak bina tidak akan dilayan.

### 5.0 Dokumen Meja Tawaran

Naskah lengkap Dokumen Meja Tawaran boleh rujuk di laman sesawang <http://tender.selangor.gov.my>

### 6.0 Senarai Kuantiti

- 6.1 Senarai kuantiti hendaklah dihargaikan dengan **DAKWAT** yang tidak mudah luntur. Jumlah amaun yang dihargaikan dalam Senarai Kuantiti oleh Petender hendaklah sama dengan amaun yang dinyatakan di dalam Ringkasan Tender dan Borang Tender.
- 6.2 Sekiranya petender tidak menghargakan sebarang item di dalam Senarai Kerja Permulaan atau meletakkan tanda (-) terhadap mana-mana item-item di dalam Senarai Kuantiti, nilai tersebut adalah dianggap telah termasuk di dalam kadar-kadar harga bagi item-item lain di dalam dokumen tersebut
- 6.3 Petender yang berjaya hendaklah, dalam masa 7 hari apabila diminta oleh pegawai penguasa atau juruukur bahan bagi pihaknya mengemukakan pecahan terperinci unit harga untuk sebarang item, kumpulan item atau semua item yang terkandung di dalam senarai kuantiti. Pecahan harga tersebut hendaklah mengandungi harga untuk buruh, bahan, loji, peralatan dan sebagainya.
- 6.4 Tiada sebarang perubahan, tambahan atau nota yang tidak dibenarkan, boleh dibuat kepada Dokumen tender dan/atau senarai kuantiti ini yang mengubah teks yang tercetak.
- 6.5 **Petender bertanggungjawab untuk menghargakan kesemua item dalam senarai kuantiti yang mempunyai kuantiti dan harga pukal dengan lengkap dan sempurna. Pihak MPKj tidak akan mempertimbangkan tawaran sekiranya terdapat item di dalam senarai kuantiti yang tidak dihargaikan dengan lengkap dan sempurna.**

## ARAHAN KEPADA PETENDER

### 7.0 Penyerahan Dokumen Tawaran

- (a) Dokumen Tawaran yang telah diisi dengan lengkap hendaklah dimasukkan ke dalam sampul surat berlakri yang dicatatkan dengan bilangan tender T 5/2021 serta tajuk tawaran dan hendaklah dimasukkan ke dalam peti tawaran yang telah dilabelkan pada peti tawaran pada masa dan tempat yang ditetapkan dalam Notis Tender. Kegagalan pihak Petender mematuhi syarat-syarat yang ditetapkan boleh menyebabkan tawaran tersebut tidak sah dan **DITOLAK**.
- (b) Petender **WAJIB** melampirkan **SALINAN RESIT ASAL BAYARAN** bagi pembelian secara On-line di laman sesawang Sistem Tender Online Selangor 2.0. Resit tersebut hendaklah dilampirkan di mukasurat hadapan dokumen tawaran. Kegagalan berbuat demikian boleh menyebabkan dokumen tawaran **DITOLAK**.
- (c) Jika Dokumen Tawaran tidak diserahkan dengan tangan, Petender hendaklah menghantar Dokumen tersebut dengan pos supaya tiba pada atau sebelum masa dan di alamat **Yang Dipertua Majlis Perbandaran Kajang (Peti Sebutharga/ Tender) Tingkat 6A, Bahagian Bekalan Dan Perolehan, Menara MPKj, Jalan Cempaka Putih, Off Jalan Semenyih, 43000, Kajang, Selangor Darul Ehsan**.
- (d) Tawaran yang diserahkan selepas masa yang ditetapkan, berbangkit dari sebarang sebab, tidak akan dipertimbangkan.

### 8.0 Penilaian Tender

- 8.1 Untuk tujuan penilaian tender, kontraktor-kontraktor **DIWAJIBKAN** mengemukakan dokumen-dokumen seperti berikut:-
  - (a) Salinan Lesen SSM, SPKK, PPK, Kementerian Kewangan, BPKU, STB, CIDB, UPEN, pendaftaran SST atau lain-lain lesen yang berkaitan dengan projek dan perlu disertakan bersama-sama Dokumen Tawaran.
  - (b) Salinan Penyata Bulanan Akaun Bank Syarikat bagi **TIGA (3) BULAN TERAKHIR** sebelum tarikh tutup tawaran.
  - (c) Senarai kerja dalam tangan (sekiranya ada)
  - (d) Rekod pengalaman kerja dengan MPKj / lain-lain Jabatan Kerajaan / Swasta. Rekod pengalaman kerja tersebut perlu disertakan dengan Salinan Tawaran Kerja / Inden Kerja / Perakuan Siap Kerja (CPC).
- 8.2 Sekiranya Kontraktor **GAGAL** mengemukakan dokumen-dokumen seperti yang dinyatakan diatas, tawaran kontraktor akan **DITOLAK** dan tidak akan dipertimbangkan.

## ARAHAN KEPADA PETENDER

### 9.0 Percanggahan Dokumen Tender

Sekiranya petender mendapati ada percanggahan di antara Lukisan Tender, senarai kuantiti dan/atau spesifikasi, Petender tersebut hendaklah dengan serta-merta merujuk kepada

**\* Bahagian Bekalan dan Perolehan,  
Jabatan Khidmat Pengurusan,  
Menara Majlis Perbandaran Kajang,  
Jalan Cempaka Putih, Off Jalan Semenyih,  
43000 Kajang, Selangor Darul Ehsan.**

Yang akan menyelesaikan dan/atau mengarahkan yang mana perlu diikuti. Penyelesaian atau arahan tersebut hanya sah jika dibuat dalam bentuk addenda secara rasmi seperti yang dinyatakan di dalam para 8 di bawah.

### 10.0 Addenda

Sebelum tarikh bagi penyerahan Tender, **Pihak MPKj** akan mengeluarkan Addenda untuk menerangkan atau membetulkan sebahagian atau keseluruhan Dokumen Tender. Setiap Addenda yang dikeluarkan akan diedarkan kepada Petender dan menjadi sebahagian daripada Dokumen Tender. Penerimaan setiap Addenda mestilah diberitahu melalui Borang Bukti Penerimaan yang disertakan bersama-sama Addenda. Kegagalan berbuat demikian boleh menyebabkan Tender berkenaan ditolak.

### 11.0 Interpretasi Secara Lisan

Interpretasi secara lisan kepada mana-mana bahagian Dokumen Tender atas permintaan dan/atau diterima petender hendaklah tidak diambil kira sebagai membetulkan sebarang peruntukan dan syarat syarat yang terkandung di dalam Dokumen Tender. Sebarang pemberitahuan atau pembedulan kepada mana-mana bahagian di dalam Dokumen Tender akan dibuat secara bertulis oleh **Pihak MPKj** di dalam bentuk Addenda seperti yang dinyatakan di para 7 dan 8 di atas.

### 12.0 Notis Kepada Petender

Setiap Notis yang hendak diberi Kepada Petender akan diposkan ke alamat yang dinyatakan dalam sijil Pendaftaran SPKK dan pengeposan itu hendaklah disifatkan sebagai penyampaian Notis yang sempurna.

## ARAHAN KEPADA PETENDER

### 13.0 Bantahan Oleh Petender

Bantahan rasmi secara bertulis yang disertai dengan butir-butir lengkap berkaitan dengan Dokumen Tender, Spesifikasi, Lukisan dan/atau Senarai Kuantiti yang menjurus kepada sesuatu jenama (jenis) tertentu boleh dibuat oleh petender dalam tempoh empat belas (14) hari daripada tarikh dokumen tender mula dijual. Bantahan yang diterima selepas tempoh tersebut tidak akan dipertimbangkan.

Bantahan hendaklah dialamatkan kepada :

**Bahagian Bekalan dan Perolehan,  
Jabatan Khidmat Pengurusan,  
Menara Majlis Perbandaran Kajang,  
Jalan Cempaka Putih, Off Jalan Semenyih,  
43000 Kajang, Selangor Darul Ehsan.**

### 14.0 Petender Usahasama

Petender Usahasama hendaklah mengemukakan Perjanjian Usahasama semasa mengemukakan dokumen tender. Perjanjian tersebut hendaklah mengandungi pegangan equity setiap rakan Usahasama dan bertanggungjawab 'jointly & severally' dan ditandatangani oleh kesemua rakan usahasama dan disetemkan.

### 15.0 Tempoh Sah Tender

Tender-tender hendaklah terus sah selama tempoh sembilan puluh (90) hari dari tarikh akhir bagi penyerahan Tender dan Petender tidak dibenarkan sama sekali menarik diri dalam tempoh tersebut. Petender adalah diingatkan bahawa Deposit Tender tidak diperlukan untuk Tender ini. Seandainya Petender menarik diri di dalam Tempoh sah Tender atau sebarang tempoh yang dilanjutkan atau enggan menerima sesuatu tender setelah ditawarkan kepadanya, tindakan disiplin akan diambil terhadapnya di mana pendaftaran Petender sebagai Kontraktor dengan pihak Kerajaan:

- (a) akan digantung selama dua (2) tahun bagi kesalahan yang pertama,
- (b) akan digantung selama lima (5) tahun bagi kesalahan kedua, dan
- (c) akan dibatalkan bagi kesalahan berikutnya.

### 16.0 Maklumat Latar Belakang Kewangan dan Prestasi Petender

16.1 Petender-petender hendaklah mengambil maklum bahawa penilaian Tender ini akan mengambilkira dan mementingkan keupayaan petender untuk melaksanakan projek yang ditender, disamping kemunasabahan harga tender. Justeru itu keupayaan petender-petender akan dinilai semasa penilaian Tender. Penilaian ini akan dibuat berasaskan kedudukan kewangan, pengalaman kerja, kakitangan teknikal, keupayaan loji dan peralatan pembinaan utama, dan prestasi kerja semasa petender

## ARAHAN KEPADA PETENDER

- 16.2 Untuk membolehkan penilaian ini dibuat, petender-petender dikehendaki mengemukakan dokumen-dokumen berikut bersama-sama tendernya.
- i. Salinan Akaun Syarikat yang telah disahkan dan diaudit oleh JuruAudit yang bertauliah, bagi dua (2) tahun kewangan terakhir.
  - ii. Salinan Penyata Akaun Bank mengenai Wang Dalam Tangan petender bagi tiga (3) bulan terakhir sebelum tarikh tutup Tender. **(Penyata bank yang telah disahkan oleh pihak bank yang mengeluarkan penyata tersebut)**
  - iii. Laporan bank/institusi kewangan mengenai kedudukan kewangan petender,atas format seperti di BORANG CA
  - iv. Kebenaran Untuk Mendapatkan Maklumat Kewangan (Akaun Bank) seperti di BORANG CA1
  - v. Salinan perakuan / pengesahan siap kerja bagi setiap kerja yang telah siap dan disenaraikan seperti di BORANG D
  - vi. Salinan borang KWSP 'A' bagi bulan caruman terakhir bagi setiap kakitangan teknikal atau salinan perjanjian perkhidmatan professional yang diambil khidmat secara kontrak yang disenaraikan di BORANG E
  - vii. Salinan sijil kelulusan/kelayakan setiap kakitangan teknikal kategori A dan B yang disenaraikan di BORANG E
  - viii. Salinan kad pendaftaran atau dokumen-dokumen lain yang membuktikan kepunyaan petender atau salinan perjanjian sewabeli/sewapajak atas loji dan peralatan yang disenaraikan di BORANG F.
  - ix. Salinan perakuan bayaran interim terakhir bagi setiap kerja semasa yang disenaraikan di BORANG G
  - x. Laporan Penyelia Projek mengenai prestasi semasa Petender, bagi setiap kerja semasa yang bukan projek MPKJ yang disenaraikan di BORANG G, atas format seperti BORANG GA, dalam satu sampul berlakri.
- 16.3 Dokumen-dokumen ini sangatlah penting untuk membolehkan penilaian keupayaan yang sewajarnya dibuat ke atas petender. Dokumen-dokumen (i),(ii),(iii),(iv), (v) dan (vi) adalah merupakan dokumen wajib petender hendaklah mengemukakan dokumen-dokumen wajib ini di dalam satu sampul berasingan yang berlabel sebagai '**DOKUMEN WAJIB**' dan berlakri. Sekiranya Petender tidak atau gagal untuk mengemukakan dokumen-dokumen ini, tender petender '**akan ditolak**' dan tidak akan dipertimbangkan.
- 16.4 Sekiranya petender gagal untuk mengemukakan salah satu atau sebahagian daripada dokumen-dokumen (iii), (iv), (v), (vii) dan (viii) maklumat dan data-data yang tidak dapat disemak kerana ketiadaan atau ketidak-cukupan dokumen-dokumen tersebut adalah tidak sah dan tidak boleh diambil kira dalam penilaian keupayaan petender yang berkenaan melainkan maklumat atau data-data tersebut membawa kesan negative terhadap nilai keupayaannya. Ini bermakna kriteria-kriteria yang mana penilaiannya memerlukan maklumat atau data-data ini, akan diberi markah penilaian kosong atau negatif.

## ARAHAN KEPADA PETENDER

### 16.0 Maklumat Latar Belakang Kewangan dan Prestasi Petender (samb).

16.5 Disamping mengemukakan dokumen-dokumen yang tersebut di atas petender-petender dikehendaki melengkapkan borang-borang berikut yang disertakan bersama Dokumen Tender ini, dengan sempurna dan mengembalikan bersama-sama dengan tender masing-masing.

- (a) BORANG A - SURAT PENGAKUAN KEBENARAN MAKLUMAT DAN KEESAHAN DOKUMEN-DOKUMEN YANG DIKEMUKAKAN OLEH PETENDER.
- (b) BORANG B - MAKLUMAT AM DAN LATAR BELAKANG PETENDER.
- (c) BORANG C - DATA-DATA KEWANGAN PETENDER.
- (d) BORANG CA - LAPORAN BANK / INSTITUSI KEWANGAN MENGENAI KEDUDUKAN KEWANGAN PETENDER
- (e) BORANG CA1 - KEBENARAN UNTUK MENDAPATKAN MAKLUMAT KEWANGAN (AKAUN BANK)
- (f) BORANG D - REKOD PENGALAMAN KERJA.
- (g) BORANG E - KAKITANGAN TEKNIKAL.
- (h) BORANG F - KEEMPUNYAAN LOJI DAN PERALATAN PEMBINAAN UTAMA.
- (i) BORANG G - SENARAI KERJA KONTRAK SEMASA.
- (j) BORANG GA - LAPORAN PENYELIA PROJEK ATAS PRESTASI KERJA (BUKAN PROJEK MPKj) SEMASA PETENDER
- (k) BORANG GA1 - LAPORAN JURUTERA PROJEK ATAS PRESTASI KERJA SEMASA PETENDER.

Borang-borang ini hendaklah diisi dengan maklumat-maklumat yang benar dan data-data yang tepat. Semua butiran perlu diisi dan jawapan yang jelas hendaklah diberikan terhadap semua pertanyaan di dalam borang-borang di atas. Jika perlu helaian tambahan boleh dilampirkan. BORANG A dan setiap helaian tambahan yang dilampirkan kepada borang-borang lain hendaklah ditandatangani oleh petender.

16.6 Bagi petender usahasama atau gabungan (seperti yang dibenarkan oleh SPKK) antara dua atau lebih kontraktor setiap ahli gabungan hendaklah masing-masing melengkapkan borang-borang dan menyertakan dokumen-dokumen yang tersebut di atas yang berasingan.

16.7 Semua maklumat dan dokumen-dokumen yang tersebut di atas hendaklah dikemukakan oleh petender bersama-sama tendernya sebelum tarikh tutup Tender dan Petender tidak akan berpeluang lagi untuk mengemukakan selepas itu, Sebarang maklumat atau mana-mana dokumen tersebut yang diterima selepas Tender ditutup tidak akan diambil kira dalam penilaian keupayaan petender.

## ARAHAN KEPADA PETENDER

### 16.0 Maklumat Latar Belakang Kewangan dan Prestasi Petender (samb).

16.8 Sekiranya petender didapati memberikan maklumat palsu atau sengaja menyorok (withhold) atau tidak memberikan mana-mana maklumat yang memberikan kesan negatif terhadap keupayaannya, tendernya akan ditolak dan tindakan tatatertib akan diperakukan terhadapnya.

16.9 Petender juga dikehendaki untuk mengisi senarai semakan mengemukakan Dokumen Wajib – Lampiran C. Dokumen ini akan menjadi panduan semakan semula dan bukti penerimaan dokumen-dokumen wajib

### 17.0 Keputusan Tender Adalah Muktamad

Kerajaan tidak terikat untuk menerima mana-mana tawaran dari petender-petender. Keputusan mengenai tender yang dikeluarkan adalah muktamad. Sebarang surat menyurat mengenai keputusan tender ini tidak akan dilayan.

### 18.0 Penerimaan atau penolakan Tender

18.1 **Kerajaan berhak untuk menolak mana-mana atau keseluruhan Tender. Mana-mana tender yang tidak lengkap, terdapat kuantiti yang tidak diharga dengan lengkap dan sempurna, terdapat kesilapan pengiraan dalam melengkapkan senarai kuantiti, tidak jelas atau tidak mematuhi arahan, tidak akan dipertimbangkan.**

18.2 Pihak Kerajaan adalah tidak terikat untuk menyutujui terima Tender terendah atau sebarang Tender, dan juga tidak perlu memberikan sebarang alasan terhadap mana-mana Tender yang ditolak.

### 19.0 Perbuatan Rasuah

Sebarang tawaran yang berbentuk rasuah atau lain-lain dorongan yang boleh mempengaruhi kedudukan Petender akan menyebabkan Tender tersebut ditolak dengan serta-merta .

### 20.0 Pelarasan Harga dan kadar Harga

Ringkasan tender dan/atau Jadual Kadar Harga atau senarai Kuantiti akan diteliti dan diselaraskan oleh kerajaan untuk memastikan kemunasabahannya sebelum tender disetujuterima sebagaimana yang diperuntukkan di bawah Fasal 26 Syarat-Syarat Kontrak JKR 203A. Harga dan kadar harga yang diselaraskan hendaklah tidak mengubah jumlah harga di Ringkasan Tender Senarai Kuantiti.

### 21.0 Tarikh Memulakan Kerja

Petender hendaklah mengambil perhatian bahawa kerja-kerja hendaklah dimulakan dalam Tempoh (2) minggu dari tarikh milik tapak yang ditetapkan dalam surat setujuterima Tender. Maksud memulakan kerja ialah memulakan kerja-kerja awalan tapak seperti membekal peralatan dan bahan-bahan binaan, meratakan tanah , membina pejabat tapak serta mendapat kemudahan asas seperti bekalan elektrik dan air dan kerja-kerja awalan lain yang dijelaskan dalam dokumen tender. Sekiranya petender gagal berbuat demikian kontrak akan ditamatkan sejajar dengan Fasal 51(b)(i) Syarat-syarat Kontrak.



## ARAHAN KEPADA PETENDER

### 22.0 Cerucuk Gantian Setaraf Dengan Cerucuk JKR\*\*

22.1 Petender boleh menender bagi kerja cerucuk berdasarkan cerucuk gantian setaraf dengan cerucuk JKR yang didapati dari pembuat mengikut spesifikasi Addenda untuk cerucuk Konkrit Bertetulang Tuang Dulu (Cerucuk Gantian)

22.2 Petender tidak perlu menyerahkan Senarai Kuantiti yang berasingan untuk cerucuk di dalam dokumen Tender akan digunakan samada Tender berdasarkan cerucuk gantian setaraf dengan cerucuk JKR dengan konkrit bertulang tuang dulu yang didapati dari pembuat yang diluluskan.

### 23.0 Iklan

Petender tidak dibenarkan menyiarkan sebarang maklumat mengenai tender di dalam sebarang akhbar, majalah atau alat pengiklanan yang terkini melainkan jika pengiklanan telahpun dihantar kepada dan diluluskan oleh kerajaan terlebih dahulu

### 24.0 Program Penglibatan Kontraktor Kelas G1 Di Bawah Rancangan Malaysia Ke-9

Bagi kontrak konvensional Sebarang tawaran yang berbentuk rasuah atau lain-lain dorongan yang boleh mempengaruhi kedudukan Petender akan menyebabkan Tender tersebut ditolak dengan serta-merta .

### 25.0 Pelaksanaan Rekabentuk IBS

Ringkasan dengan pematuhan kepada surat Pekeliling Perbendaharaan Bil.7 Tahun 2008 bertarikh 31 Oktober 2008, Rekabentuk projek hendaklah berdasarkan rekabentuk komponen IBS. Petender yang berjaya tidak akan dibenarkan menukarnya kepada rekabentuk konvensional dalam apa keadaan sekalipun.

Petender dikehendaki untuk menyemak dan memeriksa lukisan komponen IBS untuk memastikan kecukupan rekabentuk/perincian yang diperlukan bagi tujuan pembinaan /pemasangan di tapak bina. Sekiranya Petender perlu mengesyorkan sebarang rekabentuk, beliau hendaklah mengemukakan semua lukisan, spesifikasi, pengiraan dan maklumat yang berkaitan kepada P.P untuk kelulusan .

Petender juga diingatkan untuk mendapatkan komponen-komponen IBS tersebut dari beberapa pengeluar/pembekal yang berdaftar dengan CIDB. Petender dikehendaki untuk mengemukakan senarai pengeluar/pembekal yang terlibat bersama-sama dengan tendernya.

## ARAHAN KEPADA PETENDER

### 26.0 PERLAKSANAAN CUKAI JUALAN DAN PERKHIDMATAN (CJCP)

- a) Semua tawaran harga bekalan / perkhidmatan oleh pembekal / syarikat hendaklah dikemukakan **TANPA KENAAN CJCP**;
- b) Pembekal / Syarikat hendaklah mengisytiharkan status pendaftaran dan mengemukakan nombor pendaftaran CJCP kepada pihak MPKj;
- c) Sekiranya syarikat yang Berjaya adalah berdaftar dengan Jabatan Kastam Diraja Malaysia (JKDM), MPKj akan mengeluarkan Surat Setuju Terima / Pesanan Tempatan / Inden Kerja kepada Syarikat dengan tawaran harga termasuk kenaaan CJCP; dan
- d) Bagi pembekal / syarikat yang mengisytiharkan tidak berdaftar dengan JKDM, namun akan menjadi syarikat yang berdaftar dengan JKDM setelah ditawarkan perolehan tersebut, maka syarikat hendaklah memaklumkan nombor pendaftaran dan tarikh kuatkuasa kepada pihak MPKj berkenaan perubahan status pendaftaran syarikat tersebut untuk pelarasan harga kontrak dalam tempoh tujuh (7) hari dari tarikh surat kelulusan JKDM (*sila lampirkan surat pengesahan pendaftaran CJCP daripada JKDM*). Pelarasan harga kenaaan CJCP hendaklah dimuktamadkan oleh Pegawai Pengawal.

### 27.0 PENGENAAN CUKAI JUALAN DAN CUKAI PERKHIDMATAN (CJCP) DALAM PEROLEHAN KERAJAAN

- a) Cukai Jualan adalah dikenakan dan dilevikan ke atas barang yang dikilangkan oleh pengilang berdaftar di Malaysia atau barang yang diimport ke dalam Malaysia yang ditetapkan di bawah Akta Cukai Jualan 2018 serta peraturan dan perintah cukai jualan yang berkuatkuasa.
- b) Cukai Perkhidmatan adalah dikenakan dan dilevikan ke atas mana-mana perkhidmatan yang ditetapkan oleh Kerajaan di bawah Akta Cukai Perkhidmatan 2018 dan peraturan semasa yang berkuatkuasa.
- c) Bagi barangan yang diimport atau yang dibeli daripada pengilang berdaftar oleh Kerajaan Persekutuan, Kerajaan Negeri dan Pihak Berkuasa Tempatan (PBT) adalah dikecualikan daripada Cukai Jualan melainkan petroleum dan kenderaan import dengan syarat tertentu.

Pengecualian yang diberikan kepada Kerajaan Persekutuan, Kerajaan Negeri atau PBT bukan sahaja ke atas pengimportan atau pembelian yang dibuat sendiri, tetapi terpakai juga sekiranya Agensi Kerajaan tersebut melantik pihak ketiga untuk mengimport atau membeli daripada pengilang berdaftar cukai jualan. Pengecualian daripada kenaaan Cukai Jualan hendaklah dibuat dengan pengeluaran Sijil Di Bawah Perintah Cukai Jualan (Orang Yang Dikecualikan Daripada Pembayaran Cukai) 2018.

## ARAHAN KEPADA PETENDER

### 28.0 PERINGATAN MENGENAI KESALAHAN RASUAH

Merujuk kepada Surat Arahan Perbendaharaan bilangan S/K.KEW/PK/PP/1100/ 000000/10/31 Jld.26 SK.7(3) bertarikh 28 Februari 2009 yang bertajuk "Peringatan Mengenai Kesalahan Rasuah Dalam Dokumen Perolehan Kerajaan", penyebutharga diingatkan mengenai kesalahan rasuah seperti berikut :-

- a. Sebarang perbuatan atau percubaan rasuah untuk menawar atau memberi, meminta atau menerima apa-apa suapan secara rasuah kepada dan daripada mana-mana orang berkaitan perolehan ini merupakan satu kesalahan jenayah di bawah Akta Suruhanjaya Pencegahan Rasuah Malaysia 2009 (Akta 694)

*Any act or attempt to corruptly offer or give, solicit or receive any gratification to and from any person in connection with this procurement is a criminal offence under the Malaysia Anti-Corruption Commission Act 2009 (act 694).*

- b. Sekiranya mana-mana pihak ada menawar atau memberi apa-apa suapan kepada mana-mana anggota pentadbiran awam, maka pihak yang ditawarkan atau diberi suapan dikehendaki membuat aduan dengan segera ke pejabat Suruhanjaya Pencegahan Rasuah Malaysia atau balai polis yang berhampiran. Kegagalan berbuat demikian adalah merupakan satu kesalahan di bawah Akta Suruhanjaya Pencegahan Rasuah Malaysia 2009 (Akta 694).

*If any person offers or gives any gratification to any members of public service, the latter shall at the earliest opportunity thereafter lodge a report at the nearest office of the Malaysian Anti-Corruption Commission or police station. Failure to do so is an offence under the Malaysian Anti-Corruption Commission Act 2009 (Act 694)*

- c. Tanpa prejudis kepada tindakan-tindakan lain, tindakan tatatertib terhadap anggota perkhidmatan awam dan menyenaraihitamkan kontraktor atau pembekal boleh diambil sekiranya pihak-pihak terlibat dengan kesalahan rasuah di bawah Akta Suruhanjaya Pencegahan Rasuah Malaysia 2009 (Akta 694).

*Without prejudice to any other actions, disciplinary action against a member of the public service and blacklisting of the contractor or supplier may be taken if the parties are involved with any act of corruption under the Malaysian Anti-Corruption Commission Act 2009 (Act 694)*

- d. Mana-mana kontraktor atau pembekal yang membuat tuntutan bayaran berkaitan perolehan ini walaupun tiada kerja dibuat atau tiada barangan dibekal mengikut spesifikasi yang ditetapkan atau tiada perkhidmatan yang diberi dan mana-mana anggota perkhidmatan awam yang mengesahkan tuntutan berkenaan adalah melakukan kesalahan di bawah Akta Suruhanjaya Pencegahan Rasuah Malaysia 2009 (Akta 694).

*Any contractor or supplier who makes a claim for payment in relation to this procurement although no work was carried out or no goods were supplied or no services rendered in accordance with the specifications and any member of the public service who certifies the claim commits an offence under the Malaysian Anti-Corruption Commission Act 2009 (Act 694).*

## ARAHAN KEPADA PETENDER

### 29.0 PELAKSANAAN INTEGRITY PACT

- a) Petender harga wajib mengemukakan **Surat Akuan Pembida** bersama-sama dengan Dokumen Tawaran di mana ia berada untuk tidak akan menawar atau memberi rasuah kepada mana-mana individu lain sebagai sogokan untuk dipilih dalam tawaran tersebut. **Wakil syarikat yang menandatangani Surat Akuan Pembida hendaklah juga melampirkan Surat Perwakilan Kuasa menandatangani bagi pihak Syarikat.**
- b) Surat Akuan Pembida tersebut adalah salah satu dokumen wajib dalam pemilihan \*sebut harga/tender peringkat pertama. Sekiranya pembida gagal mengemukakan Surat Akuan tersebut yang telah ditandatangani oleh pegawai syarikat yang bertauliah, pembida tersebut akan dinilai sebagai gagal dalam penilaian peringkat pertama (gagal mengemukakan dokumen wajib) dan penilaian seterusnya tidak akan dilaksanakan.
- c) Petender yang berjaya hendaklah mengisi dengan lengkap dan menandatangani **Surat Akuan Pembida Berjaya** bahawa ia tidak akan menawar atau memberi rasuah kepada mana-mana individu dalam Majlis Perbandaran Kajang atau mana-mana individu lain sebagai ganjaran mendapatkan sebut harga yang disertai. Surat Akuan Pembida Berjaya hendaklah dikemukakan bersama **Surat Perwakilan Kuasa.**
- d) Petender yang didapati menawar atau memberi rasuah sebagai sogokan untuk dipilih atau ganjaran mendapatkan mana-mana sebut harga Majlis Perbandaran Kajang, bersetuju tindakan-tindakan berikut diambil:-
  - i) Penarikan balik tawaran kontrak sebut harga; atau
  - ii) Penamatan kontrak sebut harga; dan
  - iii) Lain-lain tindakan tatatertib mengikut peraturan perolehan Kerajaan yang masih berkuatkuasa.

**SURAT AKUAN PEMBIDA**

Kementerian Kewangan Malaysia

## SURAT AKUAN PEMBIDA

**KERJA-KERJA MENURAP SEMULA JALAN DI SEBAHAGIAN JALAN PERSIARAN MAHKOTA 1 DAN PERSIARAN MAHKOTA 2, BANDAR BUKIT MAHKOTA, DAERAH HULU LANGAT SERTA KERJA-KERJA YANG BERKAITAN DENGANNYA**

Saya,.....nombor K.P ..... yang mewakili..... (Nama Syarikat) ..... nombor Pendaftaran.....dengan ini mengisytiharkan bahawa saya atau mana-mana individu yang mewakili syarikat ini tidak akan menawar atau memberi rasuah kepada mana-mana individu dalam.....atau mana-mana individu lain, sebagai sogokan untuk dipilih dalam tender/sebutharga\* seperti di atas. Bersama ini dilampirkan Surat Perwakilan Kuasa bagi saya mewakili syarikat seperti tercatat di atas untuk membuat pengisytiharan ini.

2. Sekiranya saya, atau mana-mana individu yang mewakili syarikat ini didapati cuba menawar atau memberi rasuah kepada mana-mana individu dalam .....atau mana-mana individu lain sebagai sogokan untuk dipilih dalam tender/sebutharga\* seperti di atas, maka saya sebagai wakil syarikat bersetuju tindakan-tindakan berikut diambil:

- 2.1 Penarikan balik tawaran kontrak bagi tender/sebutharga\* di atas; atau
- 2.2 Penamatan kontrak bagi tender/sebutharga\* di atas; dan
- 2.3 Lain-lain tindakan tatatertib mengikut peraturan perolehan Kerajaan yang berkuat-kuasa.

3. Sekiranya terdapat mana-mana individu cuba meminta rasuah daripada saya atau mana-mana individu yang berkaitan dengan syarikat ini sebagai sogokan untuk dipilih dalam tender/sebutharga\* seperti di atas, maka saya berjanji akan dengan segera melaporkan perbuatan tersebut kepada pejabat Suruhanjaya Pencegahan Rasuah Malaysia (SPRM) atau balai polis yang berhampiran.

Yang Benar,

.....  
( )

Cop Syarikat :

- Catatan: i) \*Potong mana yang tidak berkenaan.  
ii) Surat akuan ini hendaklah dikemukakan bersama Surat Perwakilan Kuasa.

Kementerian Kewangan Malaysia

## KLAUSA PENCEGAHAN RASUAH DALAM DOKUMEN PEROLEHAN KERAJAAN

### **"Termination on Corruption, Unlawful or Illegal Activities**

(a) Without prejudice to any other rights of the Government, if the [Company/Firm], its personnel, servants or employees is convicted by a court of law for corruption or unlawful or illegal activities in relation to this [Agreement/Contract] or any other agreement that the [Company/Firm] may have with the Government, the Government shall be entitled to terminate this [Agreement/Contract] at any time, by giving immediate written notice to that effect to the [Company/Firm].

(b) Upon such termination, the Government shall be entitled to all losses, costs, damages and expenses (including any incidental costs and expenses) incurred by the Government arising from such termination.

(c) For the avoidance of doubt, the Parties hereby agree that the [Company/Firm] shall not be entitled to any form of losses including loss of profit, damages, claims or whatsoever upon termination of this [Agreement/Contract]."

**BORANG TENDER**

DOKUMEN MEJA TERKAWAL



BORANG INI HENDAKLAH DIGUNAKAN JIKA KUANTITI  
MENJADI SEBAHAGIAN DARIPADA KONTRAK

*(THIS FORM IS TO BE USED WHERE QUANTITIES FORM  
PART OF THE CONTRACT)*

Kontrak No T 5/2021 tahun 2021  
*Contract No Of*  
bagi Kerja-Kerja tersebut di bawah ini yang dibuat pada ..... haribulan .....  
tahun ..... oleh pihak-pihak yang bertandatangan di bawah ini, adalah berhubung dengan  
Borang Tender ini yang menjadi sebahagian daripada Kontrak tersebut dan yang hendaklah dibaca  
dan diertikan sedemikian.  
*for the under-mentioned Works entered into on the day of by the*  
*undersigned parties, refers to this Form of Tender which is and shall be read and construed as*  
*part of the said Contract.*

..... Tandatangan Kontraktor <i>Signature of Contractor</i>	..... Tandatangan Pegawai <i>Signature of Officer</i>
(Nama Penuh.....) <i>Name in Full</i>	(Nama Penuh ..... ) <i>Name in Full</i>
No. Kad Pengenalan ..... <i>Identity Card No.</i>	No. Kad Pengenalan ..... <i>Identity Card No.</i>
Atas sifat..... <i>In the capacity of</i> yang diberikuasa dengan sepenuhnya untuk menandatangani untuk dan bagi pihak <i>duly authorised to sign for and on</i> <i>behalf of</i>	Jawatan..... <i>Designation</i> Untuk dan bagi pihak KERAJAAN <i>For and on behalf of GOVERNMENT</i>
..... Meteri atau Cop Kontraktor <i>Contractor's seal or chop</i>	
Saksi ..... <i>Witness</i> (Nama Penuh.....) <i>Name in Full</i> No. Kad Pengenalan ..... <i>Identity Card No.</i> Pekerjaan ..... <i>Occupation</i>	Saksi ..... <i>Witness</i> (Nama Penuh .....) <i>Name in Full</i> No. Kad Pengenalan ..... <i>Identity Card No.</i> Jawatan ..... <i>Designation</i>
Alamat ..... <i>Address</i>	

## MAJLIS PERBANDARAN KAJANG

### BORANG TENDER (FORM OF TENDER)

TENDER BAGI  
TENDER FOR

KERJA-KERJA MENURAP SEMULA JALAN DI SEBAHAGIAN JALAN PERSIARAN MAHKOTA 1 DAN PERSIARAN MAHKOTA 2, BANDAR BUKIT MAHKOTA, DAERAH HULU LANGAT SERTA KERJA-KERJA YANG BERKAITAN DENGANNYA

mengikut Pelan-Pelan No ..... Seperti Di Lampiran  
*in accordance with Drawings No.*

dan lain-lain pelan terperinci yang diberi untuk menerangkannya.  
*and any other detail drawings supplied in amplification thereof.*

Salinan-salinan Dokumen Meja Tender yang merangkumi Perjanjian Kontrak, Pelan-Pelan tersebut di atas, Senarai Kuantiti dan/atau Spesifikasi dan Dokumen Tender yang lain boleh dilihat di tempat yang dinyatakan dalam Notis Tender dalam masa waktu pejabat pada mana-mana hari bekerja hingga tarikh akhir yang ditetapkan bagi penyerahan tender.

*Copies of the Tender Table Documents comprising the Contract Agreement, the above-mentioned Drawings, Specification and other Tender Documents may be seen at the place specified in the Tender Notice during office hours on any working day until the final date fixed for the submission of tenders.*

Kepada:

To Majlis Perbandaran Kajang,  
.....  
Menara MPKj, Jalan Cempaka Putih Off Jalan Semenyih,  
.....  
43000, Kajang, Selangor Darul Ehsan.  
.....

(Pihak menerima tender)

TUAN,

Di bawah dan tertakluk kepada Syarat-Syarat Membuat Tender yang dilampirkan bersama ini, yang bertandatangan di bawah ini adalah dengan ini membuat tender dan menawar untuk melaksana dan menjalankan Kerja dan peruntukan-peruntukan dan membekalkan semua buruh, bahan dan loji dan segala benda dari tiap-tiap jenis yang masing-masing disebut, ditunjuk, diperihal dan dimaksudkan dalam, atau yang hendaklah ditakrifkan daripada Dokumen Tender, yang hendaklah dilaksana dan dibekalkan oleh pihak Kontraktor, bagi Kerja yang diperihalkan di atas, dengan menepati Dokumen Tender tersebut bagi jumlah wang pukal yang disebutkan di bawah ini.

*Under and subject to the Conditions of Tendering annexed hereto, the undersigned does hereby tender and offer to execute and perform the Works and provisions and supply all labour, materials and plants and everything of every kind respectively named, shown, described and alluded to in, or to be inferred from the Tender Documents, to be executed and supplied on the part of the Contractor, for the Works above described, in conformity with the said Tender Documents for the lump sum named herein below.*

+ Borang ini hendaklah digunakan jika kuantiti menjadi sebahagian daripada kontrak  
*This form is to be used where quantities form part of the contract*

2. Yang bertandatangan di bawah ini bersetuju menjadi terikat oleh dan tunduk kepada Syarat-Syarat Kontrak dan Senarai Kuantiti yang terletak harganya dan/atau Spesifikasi tersebut dan bersetuju bahawa sebelum Surat Setujuterima Tender dikeluarkan, harga atau kadar harga dalam Senarai Kuantiti hendaklah diteliti dan diselaraskan oleh Pegawai Penguasa dengan memastikan kemunasabahnannya tanpa mengubah amaun yang dinyatakan di dalam Borang Tender.

*The undersigned agrees to be bound by and submit to the Conditions of Contract and priced Bills of Quantities and Specification and agrees that before the issuance of the Letter of Acceptance, the prices or rates in the Bills of Quantities shall be scrutinized and adjusted by the Superintending Officer as to its reasonableness without altering the amount as stated in the Form of Tender.*

Senarai Kuantiti yang terletak harganya tersebut, selepas diperbetulkan atau diselaraskan sebagaimana yang diperuntukkan dalam Syarat-Syarat Kontrak, hendaklah menjadi asas bagi menilaikan bayaran interim dan apa-apa perubahan yang mungkin diarahkan oleh Pegawai Penguasa dari semasa ke semasa.

*The said priced Bills of Quantities after rectification or adjustment as provided in the Conditions of Contract, shall form the basis of valuation for interim payment and any variation which may from time to time be ordered by the Superintending Officer.*

3. Dan selanjutnya, yang bertandatangan di bawah ini bersetuju menyiapkan Kerja itu dalam masa 10 hari/minggu/bulan\* dari tarikh pemilikan tapakbina atau dalam apa-apa tempoh lanjutan yang diperuntukkan dalam Syarat-Syarat Kontrak.

*And further, the undersigned agrees to complete the Works within .....10..... days/weeks/months\* from the date of possession of site or within such extended time as by the Conditions of Contract provided.*

4. Jumlah amaun Tender ini ialah jumlah wang pukal sebanyak Ringgit Malaysia.....

*The total amount of the Tender is the lump sum of Ringgit Malaysia*

.....  
.....

iaitu, RM.....

*i.e.*

5. Yang bertandatangan di bawah ini berharap dibenarkan membuat tender, dalam sedikit masa lagi bagi kerja berikut yang mana dijalankan secara langsung oleh yang bertandatangan di bawah ini dalam perjalanan biasa perniagaannya dan yang baginya Wang Kos Prima atau Wang Peruntukan Sementara telah dimasukkan dalam amaun Tender ini:

*The undersigned desires to be permitted to tender in due course, for the following work which the undersigned in the ordinary course of business directly carries out and for which Prime Cost or Provisional Sums have been included in the amount of this Tender:*

.....  
.....  
.....  
.....

\* Petender dikehendaki memotong yang tidak berkenaan.  
*The tenderer to delete whichever is not applicable*

6. Bahawasanya adalah diketahui bahawa Kerajaan sentiasa berhak menyetujui atau menolak Tender ini, sama ada ianya lebih rendah atau lebih tinggi daripada tender-tender yang lain, atau sama amaunnya. Yang bertandatangan di bawah ini bersetuju yang Tender ini akan berterusan sah dan tidak akan ditarik balik dalam tempoh sembilan puluh (90) hari dari tarikh akhir yang ditetapkan bagi penyerahan tender dan bersetuju bahawa tiada apa-apa had, syarat atau perjanjian lain akan dikenakan oleh kami selepas tarikh tersebut.

*Whereas it is understood that the Government reserves the right to accept or to refuse this Tender, whether it be lower or higher than any other tender, or of the same amount. The undersigned agrees that this Tender shall remain valid and shall not be withdrawn within ninety (90) days from the final date fixed for the submission of tenders and agrees that no other term, condition or stipulation shall be imposed by us after the said date.*

7. Yang bertandatangan di bawah ini berniat, jika Tender ini disetujui, memilih salah satu daripada bentuk Bon Pelaksanaan seperti berikut:

*The undersigned intends, in the event of acceptance of this Tender, to choose one of the following form of Performance Bond:*

- \* (i) Jaminan Bank / Bank Islam / Bank Pembangunan Malaysia Berhad (BPMB) / Bank Perusahaan Kecil dan Sederhana Malaysia (Bank SME) atau *Bank / Islamic Bank / Bank Pembangunan Malaysia Berhad (BPMB) / Bank Perusahaan Kecil dan Sederhana Malaysia (SME Bank) Guarantee or*
- \* (ii) Jaminan Syarikat Kewangan atau *Finance Company Guarantee or*
- \* (iii) Jaminan Insurans/Takaful atau *Insurance/Takaful Guarantee or*
- \* (iv) Wang Jaminan Pelaksanaan yang dikenakan potongan sebanyak sepuluh peratus (10%) daripada setiap bayaran interim sehingga mencapai jumlah lima peratus (5%) daripada Jumlah Harga Kontrak.  
*Performance Guarantee Sum whereby ten percent (10%) of each interim payment shall be deducted until the total amount deducted aggregate to a sum equivalent to five percent (5%) of the Contract Sum.*

8. Yang bertandatangan di bawah ini bersetuju, jika Tender ini disetujui, mendeposit, dengan seberapa segera yang praktik selepas penerimaan Surat Setujui Tender tetapi sebelum bermulanya Kerja, perkara-perkara berikut:

*The undersigned agrees, in the event of acceptance of this Tender, to deposit as soon as is practicable after the receipt of the Letter of Acceptance of Tender but before the commencement of the Works, the following:*

- (a) Bon Pelaksanaan (jika petender memilih kaedah Jaminan Bank / Bank Islam / BPMB / Bank SME / Insurans / Takaful atau Syarikat Kewangan sahaja) dan jikalau gagal dikemukakan pada tarikh milik tapak, Kerajaan berhak untuk melaksanakan kaedah Wang Jaminan Pelaksanaan;  
*Performance Bond (if the tenderer opts for Bank / Islamic Bank / BPMB / SME Bank / Insurance / Takaful or Finance Company Guarantee) and failure to submit the said bond by the date of possession of site shall entitle the Government to implement the Performance Guarantee Sum option;*

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\* Petender dikehendaki memotong yang tidak berkenaan.  
*The tenderer to delete whichever is not applicable.*

- (b) Polisi Insurans Tanggungan Awam (iaitu insurans terhadap bencana kepada orang-orang dan kerosakan kepada harta) atau Nota Liputan berserta dengan resit bagi premium yang telah dibayar;  
*Insurance Policy for Public Liability (ie. insurance against injury to persons and damage to property) or the Cover Note together with receipt of premium paid in respect thereof;*
- (c) Polisi Insurans Kerja atau Nota Liputan berserta dengan resit bagi premium yang telah dibayar;  
*Insurance Policy for Works or the Cover Note together with receipt of premium paid in respect thereof;*
- (d) Nombor pendaftaran di bawah Skim Keselamatan Sosial Pekerja (PERKESO);  
*Registration number under Employee's Social Security (SOCSO) Scheme;*

Yang bertandatangan di bawah ini selanjutnya bersetuju menandatangani Polisi-polisi Insurans yang berkenaan dalam tempoh tidak lewat daripada tiga puluh (30) hari selepas Nota Liputan diserahkan.

*The undersigned further agrees to deposit the relevant Insurance Policies within a period of not later than thirty (30) days after the Cover Notes has been submitted.*

9. Yang bertandatangan di bawah ini bersetuju jika kerja-kerja gagal dimulakan dalam tempoh dua (2) minggu dari tarikh milik tapak, pengambilan kerja di bawah kontrak akan ditamatkan sejajar dengan Fasal 51.1(a)(i) Syarat-Syarat Kontrak.

*The undersigned agrees that if the undersigned fails to commence works within two (2) weeks from the date of possession, his employment under the Contract shall be terminated in accordance with Clause 51.1(a)(i) of the Conditions of Contract.*

10. Yang bertandatangan di bawah ini dengan ini juga bersetuju bahawa Borang Tender ini berserta Surat Setujuterima Tender (jika ada) hendaklah menjadi kontrak yang mengikat antara kita.

*The undersigned hereby also agrees that this Form of Tender together with the Letter of Acceptance of Tender (if any) shall constitute a binding contract between us.*

11. Yang bertandatangan di bawah ini mengesahkan, selepas menyemak sendiri, bahawa dokumen-dokumen dan pelan-pelan yang digunakan oleh yang bertandatangan di bawah ini untuk menyusun Tender ini adalah salinan-salinan yang sebenarnya bagi dokumen-dokumen dan pelan-pelan yang dimasukkan dalam Dokumen Meja Tender.

*The undersigned confirms, after a personal scrutiny, that the documents and drawings used by the undersigned in compiling this Tender are true copies of the documents and drawings included in the Tender Table Documents.*

12. Yang bertandatangan di bawah ini bersetuju bahawa:

*The undersigned agrees that:*

- (a) jika Tender ini ditarik balik sebelum tamatnya Tempoh Sah Tender atau apa-apa tempoh lanjutan, atau  
*if this Tender is withdrawn before the expiry of the Tender Validity Period or any extended period thereof, or*
- (b) jika yang bertandatangan di bawah ini mengenakan apa-apa had, syarat atau perjanjian tambahan kepada Tender ini selepas tarikh akhir yang ditetapkan bagi penyerahan tender atau,  
*if the undersigned imposes any additional term, condition or stipulation to the Tender after the final date fixed for the submission of tenders or,*

- (c) jika sekiranya Tender telah disetujuterima, yang bertandatangan di bawah ini enggan dan tidak melaksanakan Perjanjian Kontrak yang formal atau mendeposit Bon Pelaksanaan (jika petender memilih kaedah Jaminan Bank / Bank Islam / Bank Pembangunan Malaysia Berhad (BPMB) / Bank Perusahaan Kecil dan Sederhana Malaysia (Bank SME) / Insurans/ Takaful atau Syarikat Kewangan sahaja) sebagaimana dikehendaki oleh Syarat-Syarat Kontrak atau tidak meneruskan Kerja, maka, dalam mana-mana hal itu, tanpa menyentuh apa-apa hak lain yang ada padanya, Kerajaan sentiasa berhak mengambil tindakan tatatertib terhadap yang bertandatangan di bawah ini atau membatalkan pendaftaran yang bertandatangan di bawah ini sebagai kontraktor Kerajaan, sebagaimana difikirkan perlu oleh Kerajaan. *in the event that the Tender having been accepted, the undersigned refuses and fails to execute the formal Contract Agreement or to deposit the Performance Bond (if the tenderer opts for Bank / Islamic Bank / Bank Pembangunan Malaysia Berhad (BPMB) / Bank Perusahaan Kecil dan Sederhana Malaysia (SME Bank) /Insurance/Takaful or Finance Company Guarantee) as required by the Conditions of Contract or fails to proceed with the Works, then, in any of such event, without prejudice to any other rights it may possess, the Government reserves the right to take disciplinary action against the undersigned or to cancel the registration of the undersigned as a Government contractor, as the Government deems fit.*

Bertarikh pada..... haribulan..... 20.....  
 Dated this                      day of                      20

.....  
 Tandatangan Petender  
 Signature of Tenderer

Nama Penuh : .....  
 Name in full

Atas sifat : .....  
 In the capacity of

yang diberikuasa dengan sempumanya  
 untuk menandatangani Tender ini untuk  
 dan bagi pihak:  
*duly authorised to sign this Tender for and  
 on behalf of:*

.....  
 Meterai atau cap Petender  
 Tenderer's seal or chop

Saksi : .....  
 Witness

Nama Penuh : .....  
 Name in full

Pekerjaan : .....  
 Occupation

Alamat : .....  
 Address

## SYARAT-SYARAT MEMBUAT TENDER (CONDITIONS OF TENDERING)

1. Keseluruhan Kerja yang dinyatakan dalam Dokumen Tender yang ditunjukkan di atas Meja Tender (kemudian dari ini disebut "Dokumen Meja Tender") akan diberi secara Kontrak.

*The whole of the Works set forth in the Tender Documents exhibited on the Tender Table (hereinafter referred to as the "Tender Table Documents") will be let on Contract.*

2. (a) Tiap-tiap petender mestilah menyerahkan, dalam suatu sampul surat bertutup dan bermeterai yang dialamatkan sebagaimana ditetapkan dalam Notis Tender, suatu tender yang sah dalam Borang Tender yang diperuntukkan, bersama dengan salinan Senarai Kuantiti yang diisi dan ditandatangani dengan sempurna. Borang Tender yang tak lengkap atau tak bertandatangan akan ditolak.

*Each tenderer must submit, enclose and seal in an envelope addressed as stipulated in the Tender Notice, a genuine tender on the Form of Tender provided, together with the copy of the Bills of Quantities duly filled in and signed. Form of Tender which is incomplete or unsigned shall be disqualified.*

(b) Tiap-tiap petender mestilah mencatatkan, dalam ruang yang diperuntukkan dalam Borang Tender, masa yang akan dikehendakinya bagi menyiapkan Kerja itu.

*Each tenderer must enter, in the space provided on the Form of Tender, the time he will require to complete the Works.*

(c) Petender hendaklah meletakkan harga dalam Senarai Kuantiti yang hendaklah diisi dengan dakwat dan ditandatangani dengan sempurna oleh petender. Sebelum Surat Setujuterima dikeluarkan, harga atau kadar harga dalam Senarai Kuantiti hendaklah diteliti dan diselaraskan oleh Pegawai Penguasa dengan memastikan kemunasabahannya tanpa mengubah amaun yang dinyatakan di dalam Borang Tender.

*The tenderer shall price the Bills of Quantities which shall be duly filled in ink and signed by the tenderer. Before the issuance of the Letter of Acceptance, prices or rates in the Bills of Quantities shall be scrutinized and adjusted by the Superintending Officer as to its reasonableness without altering the amount as stated in the Form of Tender.*

3. Jika mana-mana petender:

*Should any tenderer:*

(a) menarik balik tendernya sebelum tamat Tempoh Sah Tender atau apa-apa tempoh lanjutan, atau

*withdraw his tender before the expiry of the Tender Validity Period or any extended period thereof, or*

(b) mengenakan had, syarat atau janji tambahan selepas tarikh akhir yang ditetapkan bagi penyerahantender (dan dalam hal yang sedemikian ianya hendaklah disifatkan sebagai penarikan balik tender ini), atau

*impose additional terms, conditions or stipulations after the final date fixed for the submission of tenders (in which case it shall be deemed to be a withdrawal of this tender), or*

- (c) jika sekiranya tender telah disetujuterima, enggan dan tidak melaksanakan Perjanjian Kontrak yang formal atau mendeposit Bon Pelaksanaan (jika petender memilih kaedah Jaminan Bank / Bank Islam / Bank Pembangunan Malaysia Berhad (BPMB) / Bank Perusahaan Kecil dan Sederhana Malaysia (Bank SME) / Insurans/ Takaful atau Syarikat Kewangan sahaja) atau tidak meneruskan Kerja;  
*whose tender has been accepted, refuse and fail to execute the formal Contract Agreement or to deposit the Performance Bond (if the tenderer opts for Bank / Islamic Bank / Bank Pembangunan Malaysia Berhad (BPMB) / Bank Perusahaan Kecil dan Sederhana Malaysia (SME Bank) /Insurance/Takaful or Finance Company Guarantee) or fails to proceed with the Works;*

maka, dalam mana-mana hal itu, Kerajaan hendaklah, tanpa menyentuh apa-apa hak lain yang ada padanya, sentiasa berhak mengambil tindakan tatatertib terhadap yang bertandatangan di bawah ini atau membatalkan pendaftaran petender sebagai kontraktor Kerajaan, sebagaimana difikirkan perlu oleh Kerajaan.

*then, in any of such events, the Government, without prejudice to any other rights it may possess, reserves the right to take disciplinary action against the undersigned or to cancel the registration of the tenderer as a Government contractor, as the Government deems fit.*

4. Tiada apa-apa perubahan atau tambahan yang tidak dibenarkan boleh dibuat kepada Borang Tender atau mana-mana Dokumen Tender yang lain.

*No unauthorised alteration or addition shall be made to the Form of Tender or any other Tender Documents.*

5. (a) Tender-tender dan dokumen-dokumen berhubung dengannya yang dinyatakan dalam Klausa 2 di atas, mestilah diserahkan di tempat dan pada atau sebelum masa yang ditetapkan dalam Notis Tender bagi penyerahan tender.

*Tenders and documents in connection therewith as specified in Clause 2 above, must be delivered to the place and at or before the time stipulated in the Tender Notice for the submission of Tenders.*

- (b) Jika sesuatu tender tidak diserahkan dengan tangan, petender mestilah menguruskan bagi tendernya dan dokumen-dokumennya yang lain dihantar dengan pos supaya sempat sampai di tempat yang ditetapkan tidak lewat dari masa yang ditetapkan.

*In the case of a tender not being delivered by hand, the tenderer must arrange for his tender and other documents to be posted in time to reach the stipulated place not later than the stipulated time.*

- (c) Mana-mana tender yang diserahkan selepas masa yang ditetapkan, berbangkit dari apa jua sebab, tidak akan dipertimbangkan.

*Any tender delivered after the stipulated time, from whatever cause arising, will not be considered.*

- (d) Tiada apa-apa jua perbelanjaan yang ditanggung oleh petender bagi menyediakan tendernya boleh dibayar kepadanya.

*In no case will any expenses incurred by a tenderer in the preparation of his tender be allowed.*



6. Jika sekiranya atas permintaannya, seseorang petender diberikan salinan-salinan sesuatu Dokumen Tender, maka adalah menjadi tanggungjawabnya seorang diri untuk meneliti salinan-salinan itu dan memuaskan hatinya bahawa salinan-salinan itu adalah sebenarnya salinan-salinan dokumen yang termasuk dalam Dokumen Meja Tender. Jika sekiranya terdapat apa-apa perbezaan atau percanggahan antara mana-mana salinan yang diberi kepada petender dengan salinan dalam Dokumen Meja Tender atau antara mana-mana dokumen yang termasuk di dalamnya, maka adalah menjadi tanggungjawabnya seorang diri untuk memohon secara bertulis kepada Pegawai Penguasa supaya dibetulkan perbezaan atau percanggahan itu tidak lewat dari tujuh (7) hari sebelum tarikh akhir yang ditetapkan dalam Notis Tender bagi penyerahan tender. Apa-apa jawapan yang hendak dibuat oleh Pegawai Penguasa atas permohonan itu hendaklah dibuat dengan cara Memorandum Tender yang hendaklah dihantar kepada semua petender. Memorandum Tender itu hendaklah menjadi sebahagian daripada Dokumen Tender dan Tender yang diterima akan disifatkan sebagai berdasarkan pada huraian, ubahsuaian atau perluasan kepada dokumen asal yang mengandunginya.

*In the event of any tenderer being supplied at his request, with copies of any of the Tender Documents, it shall be the sole responsibility of the tenderer to scrutinize such copies and satisfy himself that they are exact copies of those included in the Tender Table Documents. In the event of any difference or discrepancy being found between any such copies supplied to the tenderer and those in the Tender Table Documents or between any documents included therein, it shall be the sole responsibility of the tenderer to apply in writing to the Superintending Officer, to have the difference or discrepancy rectified, not later than seven (7) days before the final date fixed in the Tender Notice for the submission of tenders. Any reply the Superintending Officer may make to such application shall be by way of a Tender Memorandum which will be sent to all tenderers. Such Tender Memorandum shall become part of the Tender Documents and Tenders received will be deemed to have been based on the explanations, modification or extension to the original document that they contain.*

7. Petender hendaklah disifatkan telah memeriksa dan meneliti Tapakbina dan sekitarnya dan telah berpuas hati sebelum menyerahkan tendernya tentang jenis bumi dan lapisan tanah, bentuk dan jenis Tapakbina, takat dan jenis kerja, bahan dan barang yang perlu bagi menyiapkan Kerja, cara-cara perhubungan dengan dan akses ke Tapakbina, tempat tinggal yang mungkin dikehendaki dan pada amnya hendaklah mendapatkan sendiri segala maklumat yang perlu tentang risiko, luarjangka dan segala hal keadaan yang mempengaruhi dan menjejaskan tendernya.

*The tenderer shall be deemed to have inspected and examined the Site and its surroundings and to have satisfied himself before submitting his tender as to the nature of the ground and sub-soil, the form and nature of the Site, the extent and nature of the work, materials and goods necessary for the completion of the Works, the means of communication with and access to the Site, the accommodation he may require and in general to have obtained for himself all necessary information as to risks, contingencies and all circumstances influencing and affecting his tender.*

8. Tender-tender hendaklah terus sah selama tempoh sembilan puluh (90) hari dari tarikh akhir bagi penyerahan tender sebagaimana yang ditetapkan dalam Notis Tender (dalam Syarat-Syarat Membuat Tender ini disebut "Tempoh Sah Tender") dan tempoh ini boleh dengan persetujuan bersama dilanjutkan jika dan apabila perlu.

*Tenders shall remain valid for a period of ninety (90) days from the final date for submission of tenders stipulated in the Tender Notice (herein referred to as the "Tender Validity Period") and such period may by mutual agreement be extended as and when necessary.*

9. Kerajaan tidak boleh terikat menyetujui tender yang rendah sekali atau sesuatu tender dan juga tidak terikat untuk memberi apa-apa sebab atas penolakan sesuatu tender.

*The Government shall not be bound to accept the lowest or any tender, nor to assign any reason for the rejection of any tender.*

10. Petender yang berjaya (jika ada) hendaklah diberitahu tentang tendernya dengan surat (disebut "Surat Setujuterima Tender") dalam Tempoh Sah Tender atau apa-apa tempoh lanjutan. Petender tersebut hendaklah dengan seberapa segera yang praktik tetapi sebelum bermulanya Kerja mendeposit dengan Pegawai Penguasa, perkara-perkara berikut:

*The successful tenderer (if any) shall be notified of his tender by a letter (referred to as "Letter of Acceptance of Tender") within the Tender Validity Period or any extended period thereof. The said tenderer shall as soon as is practicable but before the commencement of the Works deposit with the Superintending Officer the following:*

- (a) Bon Pelaksanaan (jika petender memilih kaedah Jaminan Bank / Bank Islam / Bank Pembangunan Malaysia Berhad (BPMB) / Bank Perusahaan Kecil dan Sederhana Malaysia (Bank SME) / Insurans/ Takaful atau Syarikat Kewangan sahaja) berjumlah sebanyak 5% daripada Jumlah Harga Kontrak dan jikalau gagal dikemukakan pada tarikh milik tapak, Kerajaan berhak untuk melaksanakan kaedah Wang Jaminan Pelaksanaan;  
*Performance Bond (if the tenderer opts for Bank / Islamic Bank / Bank Pembangunan Malaysia Berhad (BPMB) / Bank Perusahaan Kecil dan Sederhana Malaysia (SME Bank) / Insurance/Takaful or Finance Company Guarantee) amounting to 5% of Contract Sum and failure to submit the said bond by the date of possession of site, shall entitle the Government to implement the Performance Guarantee Sum option;*
- (b) Polisi Insurans Tanggungan Awam (iaitu insurans terhadap bencana kepada orang-orang atau kerosakan kepada harta) atau Nota Liputan berserta dengan resit bagi premium yang telah dibayar;  
*Insurance Policy for Public Liability (i.e. insurance against injury to persons or damage to property) or Cover Note together with receipt of premium paid in respect thereof,*
- (c) Polisi Insurans Kerja atau Nota Liputan berserta dengan resit bagi premium yang telah dibayar;  
*Insurance Policy for Works or Cover Note together with receipt of premium paid in respect thereof;*
- (d) Nombor pendaftaran di bawah Skim Keselamatan Sosial Pekerja (PERKESO);  
*Registration numbers under the Employee's Social Security (SOCSO) Scheme.*

Petender tersebut hendaklah selanjutnya mendeposit Polisi-polisi Insurans yang berkenaan dalam tempoh tidak lewat daripada tiga puluh (30) hari selepas Nota Liputan diserahkan.

*The said tenderer shall further deposit the relevant Insurance Policies within a period of not later than thirty (30) days after the Cover Notes has been submitted.*

11. Semua jadual butir-butir yang dilampirkan kepada Dokumen Tender hendaklah diisi dan diserahkan oleh petender berserta dengan tendernya.

*All schedules of particulars attached to the Tender Documents shall be completed and submitted by the tenderer together with his tender.*

12. Tiap-tiap notis yang hendak diberi kepada petender bolehlah diposkan ke alamatnya yang dinyatakan dalam tender itu dan pengeposan itu hendaklah disifatkan sebagai penyampaian yang sempurna akan notis itu.

*Every notice to be given to a tenderer may be posted to the tenderer's address given in the tender and such posting shall be deemed good service of such notice.*

13. Perkataan "petender yang berjaya" hendaklah bererti bahawa petender yang mana tendernya telah diluluskan dan disetujuterima oleh Kerajaan.

*The word "successful tenderer" shall mean that the tenderer whose tender has been approved and accepted by the Government.*

14. Perkataan "petender" dalam Syarat-Syarat ini hendaklah disifatkan sebagai termasuk dua orang atau lebih.

*The word "tenderer" in these conditions shall be deemed to include two or more persons.*

15. Jika petender tidak mematuhi Syarat-Syarat tersebut di atas mengenai apa-apa jua hal maka tendernya boleh ditolak.

*Non-compliance with the above conditions in any respect shall render the tender liable to rejection.*

16. Syarat-Syarat Membuat Tender ini, setakat mana Syarat-Syarat itu mungkin menyentuh pelaksanaan Kontrak ini, hendaklah disifatkan menjadi sebahagian daripada Kontrak ini.

*These Conditions of Tendering, in so far as they affect the execution of the Contract, shall be deemed to form part of the Contract.*

**SURAT SETUJU TERIMA TENDER**

No Tender : .....

## MAJLIS PERBANDARAN KAJANG (MPKJ) SURAT SETUJUTERIMA TENDER

Ruj Kami:.....

Tarikh:.....

Nama Syarikat  
Alamat Syarikat

.....

Tuan,

**Tender Untuk :** KERJA-KERJA MENURAP SEMULA JALAN DI SEBAHAGIAN JALAN PERSIARAN MAHKOTA 1 DAN PERSIARAN MAHKOTA 2, BANDAR BUKIT MAHKOTA, DAERAH HULU LANGAT SERTA KERJA-KERJA YANG BERKAITAN DENGANNYA

**No. Tender : T 5/2021**

Dengan ini dimaklumkan bahawa MPKj telah bersetuju menerima tawaran tender tuan dengan harga sebanyak Ringgit Malaysia : .....  
(RM .....), yang merupakan harga kontrak bagi tempoh kontrak selama .....(Minggu/Bulan) tertakluk kepada dokumen tender menjadi sebahagian daripada perolehan ini dan Surat Setuju Terima ini berserta dengan **Lampiran A** kepada Surat Setuju Terima iaitu maklumat terperinci kontrak (selepas ini disebut sebagai "Surat ini").

2. Dengan pengakuan penerimaan Surat ini berserta lampiran berkaitan, suatu kontrak yang mengikat terbentuk di antara MPKj dengan syarikat tuan. Satu dokumen kontrak hendaklah ditandatangani dalam kadar segera dengan memasukkan semua terma sebagaimana dokumen tender serta semua terma dalam **Lampiran A**. Sehingga dokumen kontrak tersebut ditandatangani, Surat ini hendaklah terus mengikat kedua-dua pihak.

3. Pelarasan harga dan kadar harga dalam \*Jadual Kadar Harga dan/atau Ringkasan Tender atau Senarai Kuantiti, mengikut yang mana berkenaan setelah diteliti dan diselaraskan oleh MPKj tentang kemunasabahannya, yang mana akan menjadi sebahagian daripada terma-terma kontrak. Walau bagaimana pun, Jumlah Harga Kontrak seperti di atas adalah kekal tidak berubah.

4. Tarikh milik tapak seperti yang disebutkan dalam Syarat-syarat Kontrak ialah pada ..... Walau bagaimanapun, tuan adalah diingatkan bahawa tiada kerja boleh dibuat **melainkan** jika tuan telah mengemukakan kepada MPKj dokumen-dokumen berikut:

Tandatangan & Cop (Kerajaan) : .....

Tandatangan & Cop (Syarikat) : .....

No Tender : .....

- \* (a) suatu bon pelaksanaan yang tidak boleh dibatalkan yang berjumlah Ringgit Malaysia : .....(RM.....) dan jikalau Bon Pelaksanaan gagal dikemukakan pada tarikh milik tapak, MPKj berhak untuk melaksanakan kaedah Wang Jaminan Pelaksanaan.
- \* (b) suatu polisi Insurans Tanggungan Awam (iaitu insurans terhadap bencana kepada orang-orang dan kerosakan kepada harta) nilai insurans tidak kurang daripada Ringgit Malaysia : .....(RM.....);
- \* (c) suatu polisi Insurans Kerja yang berjumlah Ringgit Malaysia : .....(RM.....)
- \* (d) nombor Kod Majikan di bawah Skim PERKESO dan/atau Polisi Pampasan Pekerja,

mengikut ketetapan seperti di **Lampiran A**. Walau bagaimanapun, bagi memulakan kerja-kerja dan bukan maksud lain, tuan boleh menyerahkan Nota-nota Liputan bagi maksud polisi-polisi insurans tersebut dan resit-resit premium yang telah dibayar itu kepada Pegawai Penguasa. Tuan dikehendaki menyerahkan Polisi-polisi Insurans yang berkenaan (jika belum diserahkan) menurut perenggan 5 di atas, dalam tempoh tidak lewat 30 hari daripada tarikh penyerahan Nota-nota Liputan. Apa-apa kegagalan dalam mematuhi kehendak di perenggan ini dalam tempoh masa yang ditetapkan, boleh mengakibatkan Surat ini terbatal dan Kerajaan tidaklah dengan apa-apa cara jua bertanggung terhadap tuan **melainkan jika** penepian bertulis diberikan oleh orang yang diberi kuasa, bagi kerja yang perlu dibuat dengan segera atau serta-merta apabila kelewatan itu akan memudarat dan menjejaskan perkhidmatan dan kepentingan awam.

5. Setelah arahan dikeluarkan oleh Kerajaan, tuan dikehendaki melaksanakan kerja dalam tempoh yang ditetapkan dan kualiti kerja tersebut hendaklah memuaskan hati serta memenuhi kehendak Kerajaan. Sekiranya tuan gagal melaksanakan kerja dalam tempoh yang ditetapkan, Kerajaan berhak membatalkan arahan yang dikeluarkan dan/atau mengenakan *Liquidated & Ascertained Damages* (LAD) seperti yang ditetapkan dalam **Lampiran A**.

Tandatangan & Cop (Kerajaan) : .....

Tandatangan & Cop (Syarikat) : .....

No Tender : .....

6. Syarikat tuan juga adalah dikehendaki melaksanakan program Professional Training And Education For Growing Entrepreneurs (PROTÉGÉ) seperti yang ditetapkan oleh Kerajaan berdasarkan harga kontrak dengan bilangan minimum peserta PROTÉGÉ sebanyak .....orang tanpa sebarang kos kepada Kerajaan. Bilangan minimum peserta yang diperlukan hendaklah dikira berdasarkan formula di bawah:

$$\frac{1\% \times \text{Harga Kontrak}^*}{\text{RM24,000}^{**}}$$

RM24,000\*\*

\*Bagi tujuan pengiraan PROTÉGÉ, Harga Kontrak adalah harga kerja pembina

\*\*Elaun PROTÉGÉ (RM2,000 seorang x 12 bulan)

7. Bagi tujuan program PROTEGE ini, syarikat tuan adalah dikehendaki untuk:

- (a) mengemukakan Jadual Pelaksanaan Program PROTEGE berdasarkan tempoh kontrak kepada Sekretariat PROTEGE untuk kelulusan dalam tempoh dua (2) minggu selepas tarikh pengakuan penerimaan Surat ini oleh syarikat tuan;
- (b) melaksanakan program ini mengikut Jadual Pelaksanaan Program PROTEGE yang diluluskan oleh Sekretariat PROTEGE;
- (c) mengemaskini maklumat berkaitan pengalaman syarikat melaksanakan program PROTEGE dalam sistem ePerolehan di Kementerian Kewangan atau sistem di Lembaga Pembangunan Industri Pembinaan Malaysia (CIDB), mengikut mana yang berkaitan;
- (d) mengemukakan sijil atau surat pengesahan oleh Sekretariat PROTEGE kepada Agensi sebaik sahaja pelaksanaan program PROTEGE selesai; dan
- (e) mengemukakan laporan berkaitan pelaksanaan program PROTEGE kepada Sekretariat PROTEGE.

8. Sekiranya syarikat tuan gagal mematuhi mana-mana terma di perenggan 7 dan 8 atau arahan oleh Kerajaan, Kerajaan berhak untuk tidak mempertimbangkan sebarang tawaran kontrak baharu atau pelanjutan kontrak pada masa hadapan kepada syarikat tuan.

No Tender : .....

9. Syarikat tuan juga adalah diingatkan bahawa Kerajaan berhak untuk membatalkan Surat ini sekiranya:

- (a) syarikat tuan gagal mematuhi mana-mana terma di perenggan 5 dalam tempoh masa yang ditetapkan;
- (b) syarikat tuan gagal mematuhi mana-mana terma yang dinyatakan dalam Surat Akuan Pembida Berjaya;
- (c) syarikat tuan gagal memulakan kerja dalam tempoh dua (2) minggu dari tarikh milik tapak;
- (d) syarikat tuan telah membuat salah nyataan (*misrepresentation*) atau mengemukakan maklumat palsu semasa berurusan dengan Kerajaan bagi perolehan ini atau melakukan apa-apa perbuatan lain, seperti memalsukan maklumat dalam Sijil Akuan Pendaftaran Syarikat, mengemukakan bon pelaksanaan atau dokumen lain yang palsu atau yang telah diubah suai;
- (e) syarikat tuan membenarkan Sijil Akuan Pendaftaran Syarikat disalahgunakan oleh individu/syarikat lain;
- (f) syarikat tuan terlibat dalam membuat pakatan harga dengan syarikat-syarikat lain atau apa-apa pakatan sepanjang proses tender sehingga dokumen kontrak ditandatangani;
- (g) syarikat tuan telah memberikan subkontrak sama ada sepenuhnya atau sebahagiannya perkhidmatan tanpa kelulusan Kerajaan terlebih dahulu. Sekiranya Kerajaan meluluskan permohonan syarikat tuan untuk memberikan subkontrak sebahagian kerja atau keseluruhan kerja, kelulusan tersebut adalah tertakluk kepada syarikat tuan mengikat perjanjian hak (*Deed Of Assignment*) dengan Subkontraktor terlebih dahulu;
- (h) syarikat gagal menyempurnakan kerja dalam tempoh yang ditetapkan seperti di **LampiranA**;

Tandatangan & Cop (Kerajaan) : .....

Tandatangan & Cop (Syarikat) : .....



No Tender : .....

- (i) syarikat tuan gagal mematuhi mana-mana terma/arahan di dalam dokumen tender;
- (j) syarikat tuan/pemilik/rakan kongsi/pengarah telah disabitkan atas kesalahan jenayah di dalam atau luar Malaysia;
- (k) syarikat tuan digulungkan;
- (l) syarikat tuan membekal barang-barang yang tidak tulen, bukan baharu atau yang terpakai;
- (m) kontraktor gagal/mungkir dalam melaksanakan tanggung jawabnya sepertimana ditetapkan dalam Syarat-syarat Kontrak; atau
- (n) syarikat tuan tidak mendapat kelulusan daripada Kerajaan terlebih dahulu bagi apa-apa penjualan atau pemindahan ekuiti sepanjang tempoh kontrak ini berkuat kuasa; atau
- (o) terdapat perkara yang melibatkan kepentingan awam atau keselamatan dan kepentingan Negara.

10. Sekiranya Surat ini dibatalkan atas alasan seperti yang ditetapkan di perenggan 9, Kerajaan tidak akan bertanggungjawab terhadap apa-apa kerugian syarikat tuan termasuk kerugian masa hadapan.

11. Bersama-bersama Surat ini disertakan Surat Akuan Pembida Berjaya dan Surat Akuan Sumpah Syarikat seperti di **Lampiran B** dan **Lampiran C** untuk ditandatangani oleh syarikat tuan dan dikembalikan bersama-sama dengan Surat ini.

12. Syarikat tuan adalah dikehendaki untuk mengemukakan dokumen berikut bersama-sama dengan Surat ini yang telah ditandatangani balas oleh tuan, untuk kelulusan Pegawai Penguasa sebelum memulakan kerja di tapak bina:

- (a) Senarai nama subkontraktor berserta pengalamannya dengan menyatakan bahagian kerja yang terlibat; dan
- (b) Program Kerja bagi pelaksanaan projek ini.

Tandatangan & Cop (Kerajaan) : .....

Tandatangan & Cop (Syarikat) : .....

No Tender : .....

13. Berdasarkan kepada Tempoh Siap Kerja yang disebut/hargakan selama ..... hari/minggu/bulan/tahun\*, Tarikh Siap untuk seluruh kerja-kerja di bawah kontrak ini ialah .....

14. Surat ini dihantar kepada syarikat tuan dalam tiga (3) salinan. Sila kembalikan ke pejabat ini salinan asal dan kedua beserta lampiran yang berkaitan yang telah ditandatangani dengan sempurna oleh syarikat tuan dan saksi syarikat tuan tidak melebihi \*3/7/14 hari dari tarikh Surat ini diterima untuk tindakan kami selanjutnya. Apa-apa kegagalan dalam mematuhi kehendak perenggan ini dalam tempoh masa yang ditetapkan boleh mengakibatkan Surat ini terbatal dan Kerajaan tidaklah dengan apa-apa jua bertanggungjawab terhadap syarikat tuan.

Sekian, terima kasih.

**“ BERKHIDMAT UNTUK NEGARA ”**

Saya yang menurut perintah

.....

(Nama Penuh Pegawai)  
Jawatan Pegawai

Tandatangan & Cop (Kerajaan) : .....

Tandatangan & Cop (Syarikat) : .....

No Tender : .....

## PENGAKUAN PENERIMAAN SURAT SETUJU TERIMA DAN LAMPIRAN YANG BERKAITAN OLEH SYARIKAT

Dengan ini disahkan bahawa yang bertandatangan di bawah ini mengakui penerimaan Surat ini dan lampiran yang berkaitan dan bersetuju dengan terma dan syarat yang terkandung dalam Surat ini tanpa syarat yang mana salinan kepada Surat ini telah pun disimpan, dan selanjutnya disahkan bahawa tiada apa-apa terma, syarat atau stipulasi tambahan kepada yang terkandung dalam dokumen tender dan Surat ini telah dikenakan.

.....  
Nama Penuh Kontraktor :  
No. Kad Pengenalan :  
Alamat :

.....  
Nama Penuh Saksi :  
No. Kad Pengenalan :  
Alamat :

Tarikh :  
Meterai atau Cop Syarikat

Tarikh :

*\*potong mana yang tidak berkenaan*

Tandatangan & Cop (Kerajaan) : .....

Tandatangan & Cop (Syarikat) : .....

No Tender : .....

*Lampiran A*

## BUTIRAN KONTRAK

KERJA-KERJA MENURAP SEMULA JALAN DI SEBAHAGIAN JALAN PERSIARAN MAHKOTA 1 DAN PERSIARAN MAHKOTA 2, BANDAR BUKIT MAHKOTA, DAERAH HULU LANGAT SERTA KERJA-KERJA YANG BERKAITAN DENGANNYA

**1. Pendaftaran Syarikat Dengan Suruhanjaya Syarikat Malaysia (SSM) Atau Pendaftaran Koperasi Dengan Suruhanjaya Koperasi Malaysia (SKM) (jika berkaitan)**

1.1 No.Pendaftaran : .....

1.2 Tempoh Sah Laku : .....

**2. Pendaftaran dengan Lembaga Pembangunan Industri Pembinaan Malaysia (CIDB) Di Bawah Perakuan Pendaftaran Kontraktor**

2.1 No. Pendaftaran : .....

2.2 Tempoh Sah Laku : .....

2.3 Gred : .....

2.4 Kategori : .....

2.5 Pengkhususan : .....

**3. Pendaftaran dengan Lembaga Pembangunan Industri Pembinaan Malaysia (CIDB) Di Bawah Sijil Perolehan Kerja Kerajaan (jika berdaftar)**

3.1 No. Pendaftaran : .....

3.2 Tempoh Sah Laku : .....

3.3 Gred : .....

3.4 Kategori : .....

3.5 Pengkhususan : .....

**4. Pendaftaran dengan Bahagian Pembangunan Kontraktor dan Usahawan (BPKU) (Sijil Bumiputera) (jika berdaftar)**

4.1 No. Pendaftaran : .....

4.2 Tempoh Sah Laku : .....

4.3 Gred Kontraktor : .....

Tandatangan & Cop (Kerajaan) : .....

Tandatangan & Cop (Syarikat) : .....

No Tender : .....

5. Pendaftaran dengan Pusat Pendaftaran Kontraktor Kerja, Bekalan Perkhidmatan Negeri Sabah (PUKONSA) (jika berdaftar)

- 5.1 No. Pendaftaran : .....
- 5.2 Tempoh Sah Laku : .....
- 5.3 Gred Kontraktor : .....
- 5.4 Kepala : .....
- 5.5 Sub kepala : .....

6. Pendaftaran dengan Pusat Pendaftaran Kontraktor Kerja, Bekalan Perkhidmatan Negeri Sabah (PUKONSA) (jika berdaftar)

- 6.1 No. Pendaftaran : .....
- 6.2 Tempoh Sah Laku : .....
- 6.3 Gred Kontraktor : .....
- 6.4 Kod Bidang : .....

7. Harga dan Tempoh Kontrak

- 7.1 Harga Tender : .....  
(butiran harga seperti di *Lampiran A1*)
- 7.2 Harga Kontrak : .....
- 7.3 Tempoh Kontrak : .....
- 7.4 Tarikh Milik Tapak : .....
- 7.5 Tarikh Siap Kerja : .....

8. Bon Pelaksanaan

- 8.1 Kadar Bon Pelaksanaan : 5%
- 8.2 Formula Bon Pelaksanaan : 5% x RM.....
- 8.3 Nilai Bon Pelaksanaan : .....

Tandatangan & Cop (Kerajaan) : .....

Tandatangan & Cop (Syarikat) : .....

No Tender : .....

- 8.4 Bentuk Bon Pelaksanaan : Jaminan Bank/ Bank Islam/ Bank Pembangunan Malaysia Berhad; atau Jaminan Syarikat Kewangan; atau Jaminan Insurans/ Takaful.

Jikalau Bon Pelaksanaan gagal dikemukakan pada tarikh milik tapak, MPKj berhak untuk melaksanakan kaedah Wang Jaminan Pelaksanaan.

- 8.5 Tempoh Sah Laku : \*Dari tarikh kuat kuasa kontrak sehingga 12 bulan selepas tamat Tempoh Tanggungan Kecacatan (DLP) – bagi projek bernilai sehingga RM10 juta; atau

\*Dari tarikh kuat kuasa kontrak sehingga 24 bulan selepas tamat Tempoh Tanggungan Kecacatan (DLP) – bagi projek bernilai melebihi RM10 juta.

9. **Polisi Insurans Kerja**

- 9.1 Nilai Polisi : RM.....

- 9.2 Tempoh Perlindungan : Meliputi Tempoh kontrak

10. **Polisi Insurans Tanggungan Awam**

- 10.1 Nilai Polisi : RM.....

- 10.2 Tempoh Perlindungan : Meliputi tempoh kontrak, tempoh tanggungan kecacatan dan 3 bulan 14 hari

11. **Kenaan Liquidated & ascertained Damages (LAD)**

- 11.1 Formula : .....

- 11.2 Kadar Sehari : RM.....

12. **\*Professional Training And Education For Growing Entrepreneurs (PROTÉGÉ) (jika berkaitan)**

- 12.1 Tertakluk kepada pelaksanaan Program PROTEGE : Ya / Tidak

- 12.2 Bilangan minimum peserta PROTEGE : ..... peserta

Tandatangan & Cop (Kerajaan) : .....

Tandatangan & Cop (Syarikat) : .....

No Tender : .....

Salinan Kepada\_:

- **Yang Dipertua**  
**Majlis Perbandaran Kajang**
- **Jabatan Perbendaharaan**
- **Bahagian Bekalan Dan Perolehan**  
**Jabatan Khidmat Pengurusan**
- **Fail projek**

DOKUMEN MEJA TERKAWAL

Tandatangan & Cop (Kerajaan) : .....

Tandatangan & Cop (Syarikat) : .....

No Tender : .....

Lampiran B

**SURAT AKUAN PEMBIDA BERJAYA  
BAGI**

**KERJA-KERJA MENURAP SEMULA JALAN DI SEBAHAGIAN JALAN PERSIARAN MAHKOTA 1 DAN PERSIARAN MAHKOTA 2, BANDAR BUKIT MAHKOTA, DAERAH HULU LANGAT SERTA KERJA-KERJA YANG BERKAITAN DENGANNYA**

**NO. TENDER : T 5/2021**

Saya,.....nombor K.P.....yang mewakili syarikat.....nombor pendaftaran (\*MOF/CIDB/SSM) ..... dengan ini mengisytiharkan bahawa saya atau mana-mana individu yang mewakili syarikat ini tidak akan menawar atau memberi rasuah kepada mana-mana individu dalam **Majlis Perbandaran Kajang** atau mana-mana individu lain, sebagai ganjaran untuk dipilih dalam \*sebutharga/tender seperti di atas. Bersama ini dilampirkan Surat Perwakilan Kuasa bagi saya mewakili syarikat seperti tercatat di atas untuk membuat pengisytiharan ini.

2. Sekiranya saya atau mana-mana individu yang mewakili syarikat ini didapati bersalah menawar atau memberi rasuah kepada mana-mana individu dalam **Majlis Perbandaran Kajang** atau mana-mana individu lain sebagai ganjaran mendapatkan \*sebutharga/tender seperti di atas, maka saya sebagai wakil syarikat bersetuju tindakan-tindakan berikut diambil:

- 2.1 penarikan balik tawaran kontrak bagi \*sebutharga/tender di atas; atau
- 2.2 penamatan kontrak bagi \*sebutharga/tender di atas; dan
- 2.3 lain-lain tindakan mengikut peraturan perolehan Kerajaan yang berkuat kuasa.

3. Sekiranya terdapat mana-mana individu cuba meminta rasuah daripada saya atau mana-mana individu yang berkaitan dengan syarikat ini sebagai ganjaran mendapatkan \*sebutharga/tender seperti di atas, maka saya berjanji akan dengan segera melaporkan perbuatan tersebut kepada pejabat Suruhanjaya Pencegahan Rasuah Malaysia (SPRM) atau balai polis yang berhampiran.

Yang Benar,

.....  
(Nama dan No. KP)

Cop Syarikat :

Catatan:

- i) \* Potong mana yang tidak berkenaan
- ii) Surat akuan ini hendaklah dikemukakan bersama Surat Perwakilan Kuasa

Tandatangan & Cop (Kerajaan) : .....

Tandatangan & Cop (Syarikat) : .....



No Tender : .....

Lampiran C

**SURAT AKUAN SUMPAAH SYARIKAT**

Saya.....nombor kad pengenalan ..... yang mewakili syarikat ..... nombor pendaftaran..... (\*MOF/CIDB/SSM) dengan sesungguhnya dan sebenarnya mengaku bahawa:

- (a) syarikat **TIDAK** membuat salah nyataan (*misrepresentation*) atau mengemukakan maklumat palsu semasa berurusan dengan Kerajaan bagi perolehan ini atau melakukan apa-apa perbuatan lain, seperti memalsukan maklumat dalam Sijil Akuan Pendaftaran Syarikat, mengemukakan bon pelaksanaan atau dokumen lain yang palsu atau yang telah diubah suai;
- (b) syarikat **TIDAK** membenarkan Sijil Akuan Pendaftaran Syarikat disalahgunakan oleh individu/syarikat lain;
- (c) syarikat **TIDAK** terlibat dalam membuat pakatan harga dengan syarikat-syarikat lain atau apa-apa pakatan sepanjang proses \*sebut harga/tender sehingga dokumen kontrak ditandatangani;
- (d) syarikat/ pemilik/ rakan kongsi/ pengarah **TIDAK** disabitkan atas kesalahan jenayah di dalam atau luar Malaysia; dan
- (e) syarikat **TIDAK** digulungkan.

Sekiranya pada bila-bila masa, dibuktikan bahawa pengisytiharan perenggan di atas adalah tidak benar, Kerajaan berhak menarik balik tawaran kontrak atau menamatkan perkhidmatan syarikat bagi projek ini.

Dan saya membuat Surat Akuan Bersumpah ini dengan kepercayaan bahawa apa-apa yang tersebut di dalamnya adalah benar serta menurut Akta Akuan Berkanun 1960.

Diperbuat dan dengan )  
 sebenar-benarnya diakui oleh )  
 ..... ) Tandatangani..... )  
 di..... )  
 pada ..... )

Di hadapan saya,

.....

Pesuruhjaya Sumpah

Catatan:

- i. \*Potong mana yang tidak berkenaan.
- ii. Surat akuan ini hendaklah ditandatangani oleh hanya penama di sijil pendaftaran MOF/CID

Tandatangan & Cop (Kerajaan) : .....

Tandatangan & Cop (Syarikat) : .....

**BORANG KONTRAK STANDARD  
(JKR 203A)**

DOKUMEN MEJA TERKAWAL

**KERAJAAN MALAYSIA**

**BORANG KONTRAK STANDARD UNTUK DIGUNAKAN BAGI  
KONTRAK YANG MANA BUTIRAN KERJA MENJADI  
SEBAHAGIAN DARIPADA KONTRAK  
BORANG JKR 203A (Semakan 1/2010)**

CONTRACT NO : \_\_\_\_\_ of 20 \_\_\_\_\_

EXPENDITURE to be met from: Head

.....

Sub-head

.....

Year of

.....

A CONTRACT made on ..... day of ..... 20 ..... between the Majlis Perbandaran Kajang (hereinafter referred to as the "Government") of the one part and ..... (Company No.: ..... ) (hereinafter called the "Contractor") and having is registered address at ..... of the other part.

(The Government and the Contractor shall hereinafter individually be referred to "Party" or collectively as the "Parties")

**WHEREAS:**

- A. The Government is desirous of **KERJA-KERJA MENURAP SEMULA JALAN DI SEBAHAGIAN JALAN PERSIARAN MAHKOTA 1 DAN PERSIARAN MAHKOTA 2, BANDAR BUKIT MAHKOTA, DAERAH HULU LANGAT SERTA KERJA-KERJA YANG BERKAITAN DENGANNYA** (hereinafter referred to as the 'Works') and has caused Drawings, Bills of Quantities, Specification describing the work to be done to be prepared.
- B. The said Drawings numbered As per List of Drawing Used In The Preparation Of Bills Of Quantities (hereinafter referred to as the "Contract Drawings"), and the Bills of Quantities, Specification, Form of Tender and Letter of Acceptance of Tender have been signed by or on behalf of the Parties hereto.

**NOW IT IS HEREBY AGREED AS FOLLOWS;**

**1.0 DEFINITIONS AND INTERPRETATION**

**1.1 Definition**

Unless the context otherwise requires, the Contract or an item or entry in the Appendices specifically otherwise provides, the following words and phrases in this Contract and the

Appendices shall have the meaning given below or ascribed in the clauses or Appendix item to which reference is made:

- (a) **“Contract”** Means this contract and the appendices attached hereto;
- (b) **“Contract Documents”** Means the documents forming the tender and acceptance thereof including:
- Form of Tender;
  - Letter of Acceptance of Tender;
  - Contract Drawings;
  - Bills of Quantities;
  - Specifications;
  - Treasury's Instructions;
  - Addendum No.1, No.2 & No.3
  - Special Provision to The Conditions of Contract;
- .....  
and all these documents shall be complementary to one another;
- (c) **“Contractor”** Means the person or persons, sole proprietor, partnership, firm or company whose tender for the Works has been accepted and who has or have signed this Contract and includes the Contractor's personal representatives, heirs, successors, executors, administrators, servant and agent;
- (d) **“Contract Period”** means the time frame stipulated in clause 2;
- (e) **“Contract Sum”** means the sum stipulated in clause 7;
- (f) **“Date for Completion”** means the date fixed and stated in Appendix or any other date as provided for in clause 39;
- (g) **“Defects Liability Period”** means the period stated in Appendix or if none stated, the period is twelve (12) months from the date of practical completion certified by the S.O. as provided for under clause 39.3;
- (h) **“Nominated Sub-Contractor” or “Nominated Supplier”** means all specialist, merchants, tradesmen and others executing any work or services, or supplying any materials or goods for which Prime Cost Sum (or P.C. Sums) are included in the Bills of Quantities or which the S.O. has given written instructions in regard to the expenditure of Provisional Sum and who may be nominated by the S.O. and employed by the Contractor as Sub-contractors or Suppliers;
- (i) **“On-Cost Charges”** means any cost and expenses reasonably incurred by the Government;
- (j) **“Officer Named”** means officer empowered to take action on behalf of the Government pertaining to clauses 51, 52, 53, 58, 66 ;
- (k) **“Prime Cost” or abbreviation “P.C. Sum”** means a sum for works or services to be executed by aNominated Sub-Contractor or sums for materials or goods to be obtained from a Nominated Supplier;

- (l) **“Provisional Sum”** means a sum for work of for the supply of goods or materials which cannot be defined or detailed at the time the tender documents are issued;
- (m) **“Site”** means the land and other places on, above, under, in or through which the Works are to be executed and any other lands or places provided or approved by the Government for working space or any other purposes as may be specifically designated in this Contract and whether the same may be on the Site or not;
- (n) **“S.O.”** Means the Superintending Officer who shall be “Yang Dipertua, Majlis Perbandaran Kajang” and/or his successors in office;
- (o) **“S.O.’s Representatives”** Means any person or persons delegated or authorized in writing by the S.O. to perform any of the duties of the S.O. as may be from time to time notified in writing to the Contractor by the S.O. pursuant to clause 3.3(a) of this Contract;
- (p) **“Works”** Means the works specified in the Contract Documents and shall include temporary works.

## 1.2 Interpretation

- (a) The terms “approved or approval” and “directed or direction” wherever used in this Contract shall be in writing.
- (b) Words importing the singular include the plural and vice versa where the context requires.
- (c) The headings are for convenience of reference only and shall not be deemed to be part of this Contract or be taken into consideration in the interpretation or construction of this Contract.
- (d) Unless otherwise specifically stated, a reference in this Contract and the Appendices to any clause means that clause in this Contract.
- (e) This Contract and the Appendices are to be read as a whole and the effect or operation of any clause in this Contract or item in or entry in the Appendices shall, unless otherwise specifically stated, be read subject any relevant qualification or modification in any other clauses in this Contract or item in or entry in the Appendices.

## 2.0 CONTRACT PERIOD

The Contract Period shall be for a period of ten (10) weeks\* commencing from ..... ending on .....

## 3.0 THE S.O. AND S.O.’S REPRESENTATIVE

### 3.1 Duties of S.O. and S.O.’s Representatives

The S.O. shall be responsible for the overall supervision and direction of the Works. All matters regarding the Works shall be dealt with by the Contractor with the S.O.

## 3.2 S.O.'s Representatives

- (a) The S.O. may from time to time appoint such number of S.O.'s Representative as he deems fit.
- (b) The S.O.'s Representative shall be responsible to the S.O. and his duties are to watch and supervise the Works and to test and examine any materials or goods to be used or workmanship employed in connection with the Works.

## 3.3 S.O.'s Authority to Delegate

- (a) The S.O. may from time to time in writing delegate to the S.O.'s Representative any of the powers and authorities vested in the S.O. as listed in the letter of delegation and shall furnish to the Contractor a copy of all such written delegation of powers and authorities.
- (b) Any instruction or approval given by the S.O.'s Representative to the Contractor within the terms of such delegation shall bind the Contractor and the Government as though it had been given by the S.O. PROVIDED THAT failure of the S.O.'s Representative to disapprove any work or material shall not prejudice the power of the S.O. thereafter to disapprove such work or materials and to order the pulling down, removal or breaking up thereof.
- (c) If the Contractor is not satisfied with any decision of the S.O.'s Representatives, the Contractor shall refer the matter to the S.O. who shall confirm, reverse or vary the decision of the S.O.'s Representative.
- (d) The delegation under this clause shall not preclude the S.O. from himself exercising or performing at any time any of the delegated powers and duties.

## 4.0 S.O.'S RIGHT TO TAKE ACTION

### 4.1 Notwithstanding any provision in this Contract it is hereby agreed that:

- (a) the power of the S.O. to issue instruction requiring a variation under clause 24 shall be subject to the financial limits as set out in Appendix 1 hereto. If the instruction for a variation under clause 24 is more than the financial limits as set out in the Appendix 1, the S.O. shall obtain the prior written approval of the relevant authorities of the Government; and
- (b) the right to act on behalf of the Government in respect of any matter which arises out of the provisions of clauses 51, 52, 53, 58 and 66 shall be exercised by the Officer Named in Appendix 1;

4.2 The Contractor shall not be entitled to extension of time or any additional cost or expense or whatsoever arising from compliance with this clause 4.

## 5.0 S.O.'S INSTRUCTION

5.1 The S.O may from time to time issue further drawings, details and/or written instructions (all of which are hereafter collectively referred to as "S.O.'s instruction") in regard to-

- (a) the Variation as referred to in clause 24 hereof;
- (b) any discrepancy in or between the Contract Documents as referred to in clause 8.2(b) hereof;

- (c) the removal from the Site of any materials or goods brought thereon by the Contractor and the substitutions of any other materials or goods therefore;
- (d) the removal and/or re-execution of any works executed by the Contractor;
- (e) the dismissal from the Works of any person mentioned in clause 23.6 hereof employed thereupon;
- (f) the opening up for inspection of any work covered up;
- (g) the amending and making good of any defects whatsoever under clause 48;
- (h) any matter which is necessary and incidental to the carrying out and completion of the Works under this Contract; and
- (i) any matter in respect of which the S.O. is expressly empowered by this Contract to issue instructions.

5.2 All instructions issued by the S.O. shall be in writing. The Contractor shall forthwith comply with all instructions issued to him by the S.O. If such instruction is given orally, the S.O. shall then issue a written instruction within seven (7) days from the date of such oral instruction is given.

5.3 If within seven (7) days after receipt of a written notice from the S.O. requiring compliance of an instruction and the Contractor does not comply therewith, then the S.O. without prejudice to any other rights or remedies available to the Government under this Contract, undertake the work departmentally or employ and pay another Contractor or any other persons to execute any work whatsoever which may be necessary to give effect to such instruction. All costs and expenses incurred in connection with such employment (including On-Cost Charges), shall be deducted from any money due or to become due to the Contractor under this Contract, and failing which such deductions shall be recovered from the Performance Bond or as a debt due from the Contractor.

5.4 The Contractor shall be responsible for all costs and expenses incurred by the Government in carrying out the Works under clause 5.3 and On-Cost Charges (calculated by applying the Percentage of On-Cost Charges stated in Appendix hereto to the amount incurred). The Government shall be entitled to deduct such costs, expenses and On-cost Charges or any part thereof from any monies due or to become due to the Contractor under this Contract or to recover the same from the Performance Bond or as a debt due from the Contractor.

## 6.0 SCOPE OF CONTRACT

6.1 The Contractor shall upon and subject to this Contract, construct and complete the Works using materials, goods and workmanship of the quality and standards therein specified in accordance with best industry practice.

6.2 The Contractor shall also undertake any consequential work in relation to the construction and completion of Works on the Site i.e. removal/diversion of public sewer, water mains, electrical mains, gas mains and telephone mains and the installation of permanent connections thereto shall be borne by the Government. The Government shall reimburse the Contractor for such costs by adding it to the Contract Sum PROVIDED THAT such cost have not already been included in the Contract Sum by way of a Provisional Sum or otherwise.

PROVIDED FURTHER any temporary connection shall be obtained by the Contractor with no additional cost to the Government for purpose of carrying out their work.

6.3 The Contractor shall also make good any defect, imperfection, shrinkage or any other fault whatsoever which may appear during the Defects Liability Period in accordance with clause 48 hereof.



## 7.0 CONTRACT SUM

The Government hereby covenants to pay the Contractor in consideration of the construction and completion of the Works and making good of any defects whatsoever to the Works the sum of Ringgit: .....(RM .....) or such other sum as shall become payable under and at the times and in the manner specified in this Contract.

## 8.0 CONTRACT DOCUMENTS

### 8.1 Custody of the Contract Documents

- (a) The Contract shall be prepared in two (2) original copies. The original copies of the Contract shall remain in the custody of the S.O. and the Contractor.
- (b) Immediately after the execution of this Contract, the S.O. shall furnish to the Contractor without any charge (unless he shall have been previously furnished) with:
  - (i) two (2) copies of the Contract Drawings; and
  - (ii) two (2) copies of the unpriced Bills of Quantities and (if requested by the Contractor ) one copy of the priced Bills of Quantities.
- (c) The S.O. shall, as and when necessary and without charge to the Contractor, furnish him with two (2) copies of such further working drawings or details as are reasonably necessary either to explain and amplify the Contract Drawings or the Specification (if any) or to enable the Contractor to construct and complete the Works in accordance with this Contract. PROVIDED THAT nothing contained in the said working drawings or details shall impose any obligation beyond those imposed by the Contract Documents.
- (d) The Contractor shall keep one copy of the Contract Drawings, the Specification (if any), unpriced Bills of Quantities, priced Bills of Quantities (if any) and other like documents referred to in sub-clause (c) hereof on the Site and the S.O. shall at all reasonable times have access to the same.
- (e) Upon final payment being made pursuant to the issuance of Final Account and Payment Certificate under clause 31, the Contractor shall return to the S.O. all drawings, details, specifications, unpriced copy of Bill of Quantities and priced Bill of Quantities, if any.
- (f) None of the documents hereinbefore mentioned shall be used by the Contractor for any purpose other than this Contract.

### 8.2 Sufficiency of Contract Documents

- (a) The Contract documents are to be taken as mutually explanatory of one another. The Contractor shall provide everything necessary for the proper execution of the Works until its completion according to the true intent and meaning of the Contract Documents taken together whether the true intent and meaning may or may not be particularly shown or described PROVIDED THAT it can be reasonably inferred therefrom.
- (b) If the Contractor shall find any discrepancy in or divergence between any two or more of the Contract Documents including a discrepancy or divergence between parts of any one of them, he shall immediately give to the S.O. a written notice specifying the Good in any certificate in accordance with clause 28, under which the Contractor has received payment, such materials and goods shall become the property of the government, but the Contractor shall remain responsible for loss or damage to the same.

discrepancy or divergence and the S.O. shall issue instructions in regard thereto PROVIDED ALWAYS that such discrepancy or divergence shall not vitiate this Contract.

## 9.0 REPRESENTATIONS, WARRANTIES AND UNDERTAKINGS OF THE CONTRACTOR

### 9.1 Representations and Warranties

The Contractor hereby represents and warrants to the Government that-

- (a) it is a corporation validly existing under the laws of Malaysia\*;
- (b) the Contractor has obtained a valid registration with the Construction Industry Development Board;
- (c) it has the corporate power to enter into and perform its obligations under this Contract and to carry out the transactions and to carry on its business as contemplated by this Contract\*;
- (d) it has taken all necessary corporate actions to authorize the entry into and performance of this Contract and to carry out the transactions contemplated by this Contract\*;
- (e) as at the execution date, neither the execution nor performance by it of this Contract nor any transactions contemplated by this Contract will violate in any respect any provision of-
  - (i) its Memorandum and Articles of Association; or
  - (ii) any other document or agreement which is binding upon it or its asset\*;
- (f) no litigation, arbitration, tax claim, dispute or administrative proceeding is presently current or pending or, to its knowledge, threatened, which is likely to have a material adverse effect upon it or its ability to perform its financial or other obligations under this Contract;
- (g) this Contract constitutes a legal, valid and binding obligation of the Contractor and is enforceable in accordance with its terms and conditions;
- (h) it has necessary financial and technical capability to undertake the Works,

and the Contractor acknowledges that the Government has entered into this Contract in reliance on its representations and warranties as aforesaid.

### 9.2 Undertakings of the Contractor\*

The Contractor undertakes that-

- (a) it shall comply with all requirements, statutory or otherwise, regulating or relating to the conduct, trade, business or profession of a contractor, and the Contractor shall be fully and solely liable for all costs incurred thereby;

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\* applicable only if the Contractor is a company registered under the Companies Act 1965.

- (b) it shall pay all taxes that may be imposed on the profits made in respect of this Contract in accordance with the applicable laws; and
- (c) it shall ensure that all his employees, including non-Malaysian personnel, comply with all relevant laws to which they are subject to including payment of income tax, which in respect thereto the Contractor shall make such deductions from the salaries of his employees as may be lawfully imposed by the relevant authority.

#### 10.0 OBLIGATIONS OF THE CONTRACTOR

The Contractor shall—

- (a) construct, complete, test and commission the Works in accordance with the Specifications, Contract Drawings and any other documents specified in the Contract Documents;
- (b) perform the Works in a proper manner and in accordance with good management practice and to the best advantage of the Government;
- (c) take all appropriate measures expected of a contractor providing similar works to ensure that the Works comply with the requirements of this Contract;
- (d) perform the Works and discharge its obligations as contained in this Contract by exercising professional judgment and practice, requisite skill, care and diligence. In performing the Works, the Contractor shall provide well-outlined procedures in the form agreed by the Government for reporting and co-ordination purposes;
- (e) at all times perform the Works in such manner as will always safeguard and protect the Government's interest in relation to the Works and take all necessary and proper steps to prevent abuse or uneconomical use of facilities, if any, made available by the Government to the Contractor;
- (f) inform the Government immediately in writing of the occurrence of any factor or event, which is likely to affect the Works. Such notification shall not be construed as a discharge of any of the Contractor's obligations under this Contract;
- (g) provide and maintain throughout the Contract Period such number, categories of qualified and competent personnel necessary to perform the Works;
- (h) provide and maintain at its own cost and expense all equipment and materials necessary for the proper and effective performance of the Works;
- (i) instruct and supervise its staffs and sub-contractor in carrying out the Works' repairs and other works in relation to the Works;
- (j) make good any defect, imperfection, shrinkage or any other fault whatsoever which may appear during the Defects Liability Period; and
- (k) carry out any other obligations and responsibilities under this Contract.

#### 11.0 INSPECTION OF SITE

11.1 The Contractor shall be deemed to have inspected and examined the Site and its surroundings and to have satisfied himself before submitting his tender as to the following:

- (a) the nature of the ground and subsoil;

- (b) the form and nature of the Site;
- (c) the extent and nature of the work, materials and goods necessary for the completion of the Works;
- (d) the means of communication with and access to the Site;
- (e) the accommodation he may require; and
- (f) in general to have obtained for himself all necessary information as to risks, contingencies and all circumstances influencing and affecting his tender.

11.2 Any information or document forwarded by the Government to the Contractor shall not relieve the Contractor of his obligations under the provisions of this clause.

## 12.0 PROGRAMME OF WORK

12.1 Within fourteen (14) days from the receipt of the Letter of Acceptance by the Government, the Contractor shall submit to the S.O for his approval -

- (a) a work programme for the carrying out of the Works (hereinafter referred to as "Work Programme") in such form and details as determined by the S.O. showing the detail activities of the Works so as to enable the Government to monitor the progress thereof; and
- (b) a general description in writing, of the arrangements and methods of construction which the Contractor proposes to adopt for the carrying out of the Works.

12.2 The S.O shall within ..... (....) days after receipt of the Contractor's programme:

- (i) approve the Work Programme in writing; or
- (ii) reject the Work Programme in writing with reasons and/or request modifications; and/or
- (iii) request the Contractor to supply further information to clarify or substantiate the Work Programme or to satisfy the S.O as to its reasonableness having regard to the Contractor's obligations under the Contract,

PROVIDED THAT if none of the above actions is taken within the said period of ..... (....) days the S.O shall be deemed to have approved the Work Programme as submitted.

12.3 The Contractor shall upon receipt from the S.O any request under clause 12.2(ii) or (iii) resubmit a modified Work Programme or provide further information as requested.

12.4 If at any time it should appear to the S.O that the actual progress of Works does not conform to the approved Work Programme referred to herein before the Contractor shall produce, at the request of the S.O., a revised Work Programme showing the modifications to the approved Work Programme necessary to ensure completion of the whole Works within the time for completion provided for in clause 39 hereof or extended time granted pursuant to clause 43 hereof.

12.5 The submission to and approval by the S.O or the S.O's Representative of such Work Programme or the furnishing of such particulars shall not relieve the Contractor of any of his duties or responsibilities under this Contract.

**13.0 PERFORMANCE BOND/PERFORMANCE GUARANTEE SUM**

- 13.1(a) The Contractor shall, on the date of the possession of Site, provide a Performance Bond or Performance Guarantee Sum as the case may be substantially in the form as in Appendix issued by an approved licensed bank or financial institution incorporated in Malaysia in favour of the Government for a sum equivalent to five percent (5%) of the total Contract Sum as specified in Appendix to secure the due performance of the obligations under this Contract by the Contractor. The Performance Bond shall remain valid and effective until twelve (12) months after the expiry of the Defect Liability Period or the issuance of the Certificate of Completion of Making Good Defects, whichever is the later.
- (b) If the Contractor fails to submit the said Performance Bond as specified in sub-clause (a) above on the date of possession of site, then the Contractor shall be deemed to have opted for Performance Bond in the form of Performance Guarantee Sum as provided for under clause 13.2 hereof.
- 13.2 The Contractor may opt for a Performance Bond in the form of Performance Guarantee Sum in lieu of the Bank, Insurance or Finance Company Guarantee as specified in clause 13.1 hereof whereby deductions of ten percent (10%) shall be made from the first interim payments and subsequent interim payment until the total amount deducted aggregate to a sum equivalent to five (5) percent of the Contract Sum. The amount deducted shall be retained by the Government up to twelve (12) months after the expiry of the Defect Liability Period or the issuance of the Certificate of Completion of Making Good Defects, whichever is the later.
- 13.3 Notwithstanding anything contained in this Contract, the Government shall be entitled at any time to call upon the Performance Bond, wholly or partially, in the event that the Contractor fails to perform or fulfil its obligations under this Contract and such failure is not remedied in accordance with this Contract.
- 13.4 If a payment is made to the Government pursuant to any claim under the Performance Bond, the Contractor shall issue to the Government further security in the form of additional performance bond or bonds for an amount not less than the amount so paid to the Government on or prior to the date of such payment so that the total sum of the Performance Bond shall be maintained at all times at the value specified in clause 13.1(a).
- 13.5 The Performance Bond (or any balance thereof remaining for the credit of the Contractor) may be released or refunded to the Contractor on the completion of making good of all defects, shrinkages or other faults which may appear during the Defects Liability Period and upon the giving of the Certificate of Completion of Making Good Defects for the whole of the Works under clause 48.
- 13.6 Notwithstanding the above, in the event that this Contract is terminated under clause 51 hereof the said Performance Bond or any balance thereof shall be forfeited.

**14.0 INDEMNITY IN RESPECT OF PERSONAL INJURIES AND DAMAGE TO PROPERTY**

14.1 The Contractor agrees with the Government that—

- (a) it shall perform all of its obligations under this Contract at its own risk and releases, to the fullest extent permitted by law, the Government and their agents and servants from all claims and demands of every kind resulting from any accident, damage, injury or death arising from the carrying out of the Works except where such accident, damage, injury or death is caused or contributed to by any act or omission or negligence of the Government or its agents and servants. The Contractor expressly agrees that in the absence of any such act, omission or negligence as aforesaid the Government shall have no responsibility or liability whatsoever in relation to such accident, damage, injury or death;

- (b) it shall indemnify and keep indemnified the Government from and against all actions, suits, claims or demands, proceedings, losses, damages, compensation, costs (including legal cost), charges and expenses whatsoever to which the Government shall or may be or become liable in respect of or arising from—
- (i) the negligent use, misuse or abuse by the Contractor or its personnel, servants, agents or employees appointed by the Contractor;
  - (ii) any loss or damage to property or injury of whatsoever nature or kind and howsoever or wherever sustained or caused or contributed to by carrying out of the Works by the Contractor to any person and not caused by the negligence or wilful act, default or omission of the Government, its agents or servants; or
  - (iii) any loss, damage or injury from any cause whatsoever to property or persons affected by the Works to the extent to which the same is occasioned or contributed to by the act, omission, neglect, breach or default of the Contractor or personnel, servants, agents or employees; and
- (c) the obligations under this clause shall continue after the expiry or earlier termination of this Contract in respect of any act, deed, matter or thing happening before such expiration or termination of this Contract.

14.2 The Contractor shall indemnify, protect and defend at its own cost and expense, the Government and its agents and servants from and against all actions, claims and liabilities arising out of acts done by the Contractor in the performance of this Contract.

## 15.0 INSURANCE AGAINST PERSONAL INJURIES AND DAMAGE TO PROPERTY

### 15.1 Taking of Insurance

- (a) Without prejudice to his liability to indemnify the Government under clause 14 hereof, the Contractor shall, as a condition precedent to the commencement of any work under this Contract, effect and maintain such insurances whether with or without an excess amount as specified in Appendix hereto as are necessary to cover the liability of the Contractor and all sub-contractors, whether nominated or otherwise.
- (b) Such insurance shall be for the purpose of personal injuries or death, damage or loss to property, movable or immovable, arising out of, or in the course of, or by reason of the execution of the Works and caused by any negligence, omission, breach of contract or default of the Contractor or any sub-contractor, whether nominated or otherwise, or of any servants or agents of the Contractor or of any such sub-contractor, whether nominated or otherwise. Where an excess amount is specified in Appendix, the Contractor shall bear the amount of such excess. The policy or policies of insurance shall contain a cross liability clause indemnifying each of the jointly insured against claims made by on him by the other jointly insured.
- (c) Such insurance as referred to under sub-clause (a) hereof shall be effected with an insurance company as approved by the Government and maintained in the joint names of the Government and Contractor and all sub-contractors, whether nominated or otherwise. Such insurance shall cover from the period of the date of possession of site until the date of issuance of Certificate of Making Good Defects for any claim occasioned by the Contractor or any sub-contractor in the course of any operations carried out by the Contractor or any sub-contractor for the purpose of complying with his obligations under Clause 48 hereof.

### 15.2 Production of Policies

It shall be the duty of the Contractor to produce and shall deposit the relevant policy or policies of the insurance together with receipts in respect of premiums paid to the S.O., whether demanded or not.

**15.3 Default in Insuring**

If the Contractor fails to effect or renew such insurances as are required to be effected and maintained under this Contract, the Government or the S.O. on its behalf may effect or renew such insurance and shall be entitled to deduct a sum equivalent to the amount in respect of the premiums paid and On-Cost Charges (calculated by applying the 'Percentage for On-cost Charges' stated in Appendix hereto to the premiums paid), from any money due or to become due to the Contractor under this Contract or to recover the same from the Performance Bond or as a debt due from the Contractor.

**15.4 Cancellation of Insurance**

- (a) The Contractor shall ensure that any insurance policy effected hereto shall only be cancelled by the insurer after the expiry of thirty (30) days from the date of receipt by the Government of a written notice from the insurer advising of such impending cancellation PROVIDED THAT the Contractor has been issued with the Certificate of Making Good Defects in accordance with clause 48.
- (b) The Contractor shall not at any time permit or cause to be done any act, matter or thing which may result in any insurance effected by virtue of this Contract being vitiated or rendered void or voidable or whereby the rate of the premium on any insurance effected shall be liable to be increased.

**15.5 Loss or Damage Occasioned by Insured Risk**

- (c) In the event of any damage or loss occurring during the performance of this Contract, the Contractor shall repair, replace or make good such damage or loss from the amount of insurance claimed, if sufficient, or if insufficient, using his own resources.

**16.0 INDEMNITIES TO GOVERNMENT IN RESPECT OF CLAIMS BY WORKMEN**

**16.1 Workmen Compensation**

- (a) The Contractor shall be liable for and shall indemnify and keep indemnified the Government and its officers or servants from all liabilities arising out of claims by any workman employed by the Contractor in and for the performance of this Contract for payment of compensation under or by virtue of the Workmen's Compensation Act 1952 and the Employee's Social Security Act 1969 or any other law amending or replacing such law and from all costs and expenses incidental and consequential thereto.
- (b) The Contractor shall effect and maintain throughout the Contract Period a "Workmen Compensation Insurance" or any other applicable insurance for its personnel, servants, agents or employees required under the laws of Malaysia.

**17.0 EMPLOYEES' SOCIAL SECURITY ACT, 1969**

**17.1 Registration with SOCSO**

Without prejudice to his liability to indemnify the Government under clause 16, the Contractor shall register or cause to register all local workmen employed in the execution of the Works and who are subject to registration under the Employee's Social Security Scheme ("the SOCSO Scheme") in accordance with the Employee's Social Security Act 1969 or any subsequent modification or re-enactment of the said Act. For the purpose of this sub-clause, the term "local workmen" shall include workmen who are Malaysian citizens and those who have permanent resident status.

**17.2 Contribution to SOCSO**

The Contractor shall submit the Code Number and Social Security Numbers of all the workmen registered under the SOCSO scheme to the S.O. for verification. The Contractor shall make payment of all contribution from time to time on the first contribution day on which the same ought to be paid and until the completion of this Contract and it shall be the duty of the Contractor to produce to the S.O. contribution statement or payment vouchers as evidence of payment of such contribution, whether demanded or not.

**17.3 Default in Complying with SOCSO**

If the Contractor fails to comply with the terms of this Clause, the Government or the S.O. on its behalf may without prejudice to any other remedy available to the Government for breach of any terms of this Contract:

- (a) withhold an amount from any money which would otherwise be due to the Contractor under this Contract and which in the opinion of the S.O. will satisfy any claims for compensation by workmen that would have been borne by SOCSO Scheme had the Contractor not made default in maintaining the contribution; and/or
- (b) pay such contributions as have become due and remain unpaid and deduct the amount of such contributions including On-Cost Charges (calculated by applying the Percentage of On-Cost Charges stated in Appendix to the contributions paid), from any money due or to become due to the Contractor under this Contract, and failing which such contributions shall be recovered from the Performance Bond or as a debt due from the Contractor.

**18.0 INSURANCE OF WORKS**

**18.1 Taking of Insurance**

- (a) The Contractor shall in the joint names of the Government and the Contractor insure against loss and damage by fire, lightning, explosion, storm, tempest, flood, ground subsidence, bursting or overflowing of water tanks, apparatus or pipes, aircraft and other aerial devices or articles dropped therefrom, riot and civil commotion, all work executed and all unfixed materials and goods, delivered to, placed on or adjacent to the Works and intended therefore (but excluding temporary buildings, plant, tools and equipment owned or hired by the Contractor or any sub-contractor, nominated or otherwise) to the full value thereof (plus any amount which may be specifically stated in Appendix or elsewhere in the Contract Documents) and shall keep such work, materials and goods so insured until the completion of the whole of the Works, notwithstanding any arrangement for Sectional Completion or Partial Occupation by the Government under this Contract. Such insurance policy or policies shall provide expressly for payment in the first place to the Government of any insurance monies due under the policy or policies.
- (b) The said insurance with or without an excess clause as specified in Appendix hereto shall be effected with an insurance company approved by the S.O. and it shall be the duty of the Contractor to produce to the S.O. the said policy or policies and the receipts in respect of the premium paid. Where an excess clause is specified in Appendix, the Contractor shall bear the amount of such excess.

**18.2 Default in Insuring**

If the Contractor fails to effect or renew such insurance as are necessary under this clause, the Government or the S.O. on its behalf may renew such insurance and pay the premium in respect thereof and deduct the amount so expended including On-Cost Charges (calculated by applying the 'Percentage of On-cost Charges' stated in Appendix to the premiums paid), from any money



due or to become due to the Contractor under this Contract, and failing which such premium shall be recovered from the Performance Bond or as a debt due from the Contractor.

## 18.3 Payment of Insurance in the Event of any Loss/Damage

Upon the occurrence of any loss or damage to the Works or unfixed materials or goods prior to the date the Works has been certified as practically completed by the S.O. in the Certificate of Practical Completion, the Contractor shall notwithstanding that settlement of any insurance claim has not been completed, with due diligence restore, replace or repair the same, remove and dispose of any debris and proceed with the carrying out and completion of the Works. All money if and when received from the insurance under this clause shall be paid in the first place to the Government and then (less any such amounts as are specifically required in Appendix or elsewhere in the Contract Documents) be released to the Contractor by instalments on the certificate for payment issued by the S.O., calculated as from the date of receipt of the money in proportion to the extent of the work of restoration, replacement or repair and the removal and disposal of debris previously carried out by the Contractor. The Contractor shall not be entitled to any payment in respect of the work of restoration, replacement or repair and the removal and disposal of debris other than the money received under the said insurance.

## 18.4 Cancellation of Insurance Policy

The Contractor shall ensure that any insurance policy effected hereto shall only be cancelled by the insurer after the expiry of thirty (30) days from the date of receipt by the Government of a written notice from the insurer advising of such impending cancellation PROVIDED THAT the Contractor has been issued with the Certificate of Making Good Defects in accordance with clause 48.

## 19.0 SETTING OUT

19.1 The Contractor shall be responsible for the true and proper setting out of the Works and for the correctness of the positions, levels, dimensions and alignments of all parts of the Works and for the provisions of all necessary instruments, appliances and labour in connection therewith.

19.2 If at any time during the progress of the Works any error in the positions, levels, dimensions or alignments of any part of the Works is discovered, the Contractor shall at his own expense rectify such error unless such error is based on incorrect data supplied in writing by the S.O.'s Representative in which case the expense of rectifying shall be borne by the Government.

19.3 If at any time during the progress of the Works, any error shall appear or arise in the setting-out required to construct the Works or in the position, levels, dimensions or alignment of any part of the Works; the Contractor, on being required to do so by the S.O., shall at his own expense rectify such error to the satisfaction of the S.O. The checking of any setting out of or of any line or level by the S.O. shall not in any way relieve the Contractor of his responsibility for the correctness thereof and the Contractor shall carefully protect and preserve all things used in the setting-out required for the construction of the Works until the S.O. agrees that the said things may be abandoned.

19.4 The Contractor shall give to the S.O. without charge such information as may be required by the S.O. to enable him to check the setting-out required for the construction of the Works including interpreting any marks made by the Contractor for the purpose of setting out.

## 20.0 UNFIXED MATERIALS AND GOODS

Unfixed materials and goods delivered to, placed on or adjacent to the Site and intended for incorporation therein, shall not be removed except for use upon the Works, unless the S.O. has consented in writing to such removal. Where the S.O. has included the value of such materials or

**21.0 COMPLIANCE WITH THE LAW**

- 21.1 The Contractor shall comply in all respects (including the giving of all notices and the paying of all fees required) with any law, regulation or by-law, or any order or directive issued by any public authority or public service company (hereinafter referred to as "Statutory Requirements"), relating to the Works or, in the case of public authority or public service company, with those systems the same are or will be connected. The Contractor shall submit to the S.O. all approvals received by the Contractor in connection therein. The Contractor shall keep the Government indemnified against all penalties and liability of every kind for breach of any such Statutory Requirements.
- 21.2 If after the Date of Tender (as specified in Appendix) there is any change or amendment in any written law, regulations and by-laws which necessitates any variation to the Works, the Contractor shall, before making such variation, give to the S.O a written notice specifying and giving the reason for such variation and apply for the S.O.'s instruction in respect of the matter.

**22.0 DESIGN**

**22.1 Design Liability**

- (a) Notwithstanding any design and specifications supplied by the Government, if the Contractor is required under this Contract to undertake the design of any part of the Works which is a stand alone design as determined by the Government, the Contractor shall ensure that such design shall be suitable, functional, safe and compatible with the design and specifications of the Works and that it shall be undertaken and approved and endorsed by a competent and registered professional.
- (b) The Contractor shall submit to the S.O. all drawings, specifications, calculations and any other relevant information for approval. No work shall commence without prior written consent of the S.O.
- (c) The Contractor shall be fully responsible for the design, execution and maintenance of the Works or part thereof for which his design has been accepted by the Government, and shall absolutely guarantee the Government independent of fault, that the design, materials and workmanship for the Works or part of the works is suitable, functional, safe and compatible with requirements of the Government.
- (d) The approval by the S.O. pursuant to sub-clause (b) shall not relieve the Contractor of any of his responsibilities under sub-clause (c).

**22.2 Design Guarantee Bond**

- (a) The Contractor shall provide a Design Guarantee Bond for the said part of the Works issued by an approved licensed bank or financial institution of the sum of Ringgit .....  
..... (RM.....) amounting to 5% of the value of the said part of the Works substantially in the form as in Appendix [.....] upon or before the issuance of the Certificate of Practical Completion of the Works. Such Design Guarantee Bond shall remain valid for a period of 5 years from the date of practical completion of the Works.

- (b) If any defect or damage shall occur to the particular part of the works as a result of any defect, fault, insufficiency or inadequacy in the stand alone design including workmanship, materials or equipment which has become defective arising directly from design fault then the approved licensed bank or financial institution issuing the Design Guarantee Bond pursuant to sub-clause (a) above will indemnify and pay the Government, on demand by the Government in writing notwithstanding any objection by the Contractor or any third party, the sum of ..... being equal to 5% of the value of the said part of the Works.
- (c) If the Design Guarantee Bond is not deposited with the Government in accordance with sub-clause (a) above, the Government shall have the right to claim from the Performance Bond the sum of Ringgit ..... ( RM ..... ) being 5% of the value of the said part of the Works.

**23.0 EMPLOYMENT OF WORKMEN**

**23.1 Workmen**

- (a) The Contractor shall employ, in the execution of this Contract, only Malaysian citizens as workmen.
- (b) If in any particular trade or skill required to complete the Works, the Contractor can show to the satisfaction of the S.O. that Malaysian citizens are not available, then the Contractor may employ non-Malaysian citizens subject to the approval of the Government.
- (c) The Contractor shall on the commencement of the Works furnish to the Jabatan Tenaga Kerja of the State in which this Contract is performed all particulars connected with this Contract and such returns as may be called for from time to time in respect of labour employed by him on for the execution of this Contract, in accordance with the requirements of the Employment Act 1955, Employment (Restriction) Act 1968, and internal security (Registration of Labour) Regulation 1960 or any subsequent modification or re-enactment thereof.
- (d) The Contractor shall maintain on the Site at all times during the progress of the Works an up to date register containing particulars of all workers employed by him.
- (e) The Contractor shall causes his sub-contractors (including 'labour only' sub-contractors) and Nominated Sub-Contractors to comply with the provisions of this clause.

**23.2 Compliance with Employment Act 1955, etc.**

In the employment of workmen for the execution of this Contract, the Contractor shall comply, and shall cause his sub-contractors (including "labour only" sub-contractors) and Nominated Sub-Contractors to comply with all the requirements of the Employment Act 1955, Employment (Restriction) Act 1968, Employee's Provident Fund Act 1951, the Industrial Relations Act 1967 and any other law relating to the employment of workmen, or any subsequent modification or re-enactment thereof, PROVIDED THAT the Contractor shall not be entitled to any claim for additional costs and payments whatsoever in respect of his compliance with this clause.

**23.3 Days and Hours of Working**

No work shall be done on:

- (a) the weekly day of rest;
- (b) any public holiday which is recognised in the state where this Contract is being carried out; or
- (c) between the hours of six in the evening and six in the following morning;

without the written permission of the S.O. PROVIDED THAT when such written application of the Contractor is approved by the S.O., the Contractor shall comply fully with all the requirements of the Employment Ordinance 1955 in regard thereto or any subsequent modification or re-enactment thereof and shall bear any costs for compliance therewith, and any extra costs incurred by the Government in connection with the supervision of the Works.

**23.4 Wages Books and Time Sheets**

- (a) The Contractor shall keep and shall cause his sub-contractors (including "labour only" sub-contractors) and Nominated Sub-Contractors to keep proper wages books and time sheets showing wages paid to and the time worked by all workmen employed by him and his sub-contractors as aforesaid in and for the performance of this Contract.
- (b) The Contractor shall produce such wages books and time sheets on demand for inspection by any persons duly authorised by the S.O.
- (c) The Contractor shall furnish to the S.O. or S.O.'s Representative such information relating to the wages and conditions of employment of such workmen as the S.O. may from time to time require.

**23.5 Default in Payment of Wages**

In the event of default in the payment of –

- (a) any money in respect of wages; and/or
- (b) payment in respect of Employees Provident Fund Contributions,

of any workmen employed by the Contractor or his sub-contractors (including "labour only" sub-contractors) and Nominated Sub-contractors in and for the performance of this Contract, which a claim has been filed with the Department of Labour, then the S.O. shall make payment to the Director General of Labour and/or Employees Provident Fund, as the case may be, out of any monies at any time due to the Contractor under this Contract and such payment shall be deemed to be a payment made to the Contractor by the Government under and by virtue of this Contract.

**23.6 Discharge of Workmen**

- (a) The Contractor shall employ in and about the execution of the Works only such persons as are of good character, careful, skilled and experienced in their respective vocations and trades.
- (b) The S.O. shall be at liberty to object to and require the Contractor to remove immediately from the Site any person employed by the Contractor in or about the execution of the Works who in the opinion of the S.O. misconducts himself or is incompetent or negligent in the proper performance of his duties. Such person shall not again be employed upon the Works without the prior written permission of the S.O.

- (c) Any person so removed from the Works shall be replaced without delay by a substitute approved by the S.O. PROVIDED THAT the Contractor shall not be entitled to any claim for any expense whatsoever incurred by him in respect of any direction given by the S.O. under this clause.

#### 24.0 VARIATIONS

24.1 The S.O. may issue instructions requiring a Variation in a form of a Variation Order. No variation required by the S.O. shall vitiate this Contract. Upon the issuance of such Variation Order, the Contractor shall forthwith comply with the Variation Order issued by the S.O.

24.2 The term 'Variation' means a change in the Contract Document which necessitates the alteration or modification of the design, quality or quantity of the Works as described by or referred to therein and affects the Contract Sum, including:

- (a) the addition, omission or substitution of any work;
- (b) the alteration of the kind or standard of any of the materials, goods to be used in the Works; or
- (c) the removal from the Site of any work executed or materials or goods brought thereon by the Contractor for the purposes of the Works other than work, materials or goods which are not in accordance with this Contract.

24.3 Any variation made under this clause shall not relieve the Contractor from his obligations under clause 22.1(c).

#### 25.0 VALUATION OF VARIATION

25.1 All variations instructed in writing by the S.O. in accordance with clause 24 hereof shall be measured and valued by the S.O. The valuation of Variations, unless previously or otherwise agreed, shall be made in accordance with the following rules:

- (a) the rates in the Bills of Quantities after adjustment if necessary as provided in clauses 26.6 and 26.7 hereof, shall determine the valuation of work of similar character and executed under similar conditions as work priced therein;
- (b) the said rates, where work is not of similar character or executed under similar conditions as aforesaid, shall be the basis of rates for the same, so far as may be reasonable, failing which a fair valuation thereof shall be made by the S.O.;
- (c) the rates in the Bills of Quantities shall determine the valuation of items omitted, PROVIDED THAT if the omission substantially vary the conditions under which any remaining items of work are carried out, the rates of such remaining items shall be valued under rule (b);

25.2 Where work cannot properly be measured or valued, the S.O. may allow daywork price as specified in Appendix. Unless otherwise provided in the Bills of Quantities, the daywork prices for the purpose of this Contract shall be taken to mean the actual net cost to the Contractor of his materials, plant and labour for the work concerned. The Contractor shall be paid daywork prices, plus fifteen percent (15%), which shall include for the cost of all ordinary plant, tools, scaffolding, supervision and profit. PROVIDED ALWAYS that as a condition precedent to any right to any payment the Contractor shall produce vouchers, receipts and wage books specifying the time for labour and plant employed and materials used to the S.O. not exceeding seven (7) days after the work shall have been done.

- 25.3 The amount of variations shall be certified by the S.O. and added to or deducted from the Contract Sum as the case may be and the amount shall be adjusted accordingly.

## 26.0 BILL OF QUANTITIES

### *Basis of Contract Sum*

- 26.1 The quality and quantity of the Works as set out in the Bills of Quantities shall be the basis of the Contract Sum. Any error in description or quantity or omission of Works from the Bills of Quantities shall not vitiate this Contract but shall be rectified and the amount in respect of such rectification shall be added to or deducted from the Contract Sum as the case may be.
- 26.2 The Government reserves the right to adjust the prices and rates in the Bills of Quantities submitted by the Contractor to ensure their reasonableness before acceptance of tender and the decision of the Government shall be final.
- 26.3 Any adjustment of the prices and/or rates in the Bills of Quantities required under clause 26.2 and any arithmetical error or omission in the prices or rates and/or calculations of the Contractor in the Bills of Quantities shall before the signing of this Contract be so rectified and adjusted that when correctly calculated, the total amount in the Summary of the Bills of Quantities shall represent the same amount as the tender amount in the Form of Tender. The tender amount shown in the Form of Tender shall remain unaltered but the net aggregate amount of the difference between the total adjusted amount in the Summary of the Bills of Quantities and the tender amount shown in the Form of Tender, whether a net deduction or net addition, shall be calculated as a percentage of the total adjusted amount shown in the Summary of the Bills of Quantities and all prices and/or rates throughout the Bills of Quantities shall be subject to such percentage discounts or premiums as the case may be. Provided always that Provisional and Prime Cost Sums shall be excluded from such calculation and shall not be subject to such percentage discount or premium.

### *Standard Method of Measurement*

- 26.4 The Bills of Quantities, unless otherwise expressly stated in respect of any specified item or items, shall be deemed to have been prepared in accordance with the principles of the Standard Method of Measurement of Building Works as published by the Institution of Surveyors (Malaysia) or Civil Engineering Method of Measurement published by Institution of Civil Engineers (London) or Method of Measurement as set out in Bill of Quantities.

### *Provisional Quantities*

- 26.5 Unless where the quantities of the Works or any part thereof are stated as 'provisional' in the Bills of Quantities such quantities are firm and the Works shall not be subject to re-measurement unless the Bills of Quantities are proven to be erroneous and shall be dealt with under clause 26.1.
- 26.6 Where the quantities of Works are stated as "provisional" in the Bills of Quantities, such quantities are the estimated quantities which shall not be taken as the actual and correct quantities of Works to be executed by the Contractor in the fulfilment of his obligations under the Contract. The amount to be paid to the Contractor in respect of such Works upon completion of this Contract shall be ascertained by re-measurement of the work as it is actually executed and valued in accordance with clause 25.1 hereof, after adjustment if necessary as provided in clause 25.3 hereof.
- 26.7 For the purpose of clause 26.6, the amount to be paid to the Contractor shall be set off against the amount for such work in the Bills of Quantities, and the balance shall be added to or deducted from the Contract Sum as the case may be.

27.0 MEASUREMENT OF WORKS

- 27.1 The S.O. shall, when he requires any part or parts of the Works to be measured or remeasured for the purposes of clauses of Variation under clause 24 and provisional quantities under clause 28.5, give reasonable notice to the Contractor who shall attend or send a qualified agent to assist the S.O. or S.O.'s Representative in making such measurement and shall furnish all particulars required by the S.O.. Should the Contractor fail to attend or neglect or omit to send such agent, then the measurement made by the S.O. or approved by him shall be taken to be the correct measurement of the work.
- 27.2 Upon the completion of the measurement pursuant to clause 27.1, the S.O. shall supply the Contractor with such measurement in respect of the said parts.

28.0 PAYMENT TO CONTRACTOR AND INTERIM CERTIFICATES

- 28.1 When the Contractor has executed work including delivery to or adjacent to the Works of any unfixed materials or goods intended for incorporation into the Works in accordance with the terms of this Contract and their total value of work thereof has reached the sum referred to in Appendix, the S.O. shall at that time make the first valuation of the same.
- 28.2 Thereafter, once (or more often at the discretion of the S.O.) during the course of each succeeding month the S.O. shall make a valuation of the works properly executed and of unfixed materials and goods delivered to or adjacent to the Site, provided the total value of work properly executed and the value of unfixed materials and goods as specified in clause 28.4 hereof, delivered to the Site intended for incorporation into the Works in each subsequent valuation shall not be less than the sum referred to in Appendix.
- 28.3 Within fourteen (14) days from the date of any such valuation being made and subject to the provision mentioned in clause 28.1, the S.O. shall issue an Interim Certificate stating the amount due to the Contractor from the Government. PROVIDED THAT the signing of this Contract shall not be a condition precedent for the issue of the first Interim Certificate (and no other) so long as the Contractor has returned the Letter of Acceptance of Tender duly signed and has deposited with the S.O. or the Government the relevant insurance policies under clauses 15 and 18 hereof.
- 28.4 The amount stated as due in an Interim Certificate shall, subject to any agreement between the Parties as to payment by stages, be the estimated total value of the work properly executed and up to ninety percent (90%) of the value of the unfixed materials and goods delivered to or adjacent to the Site intended for incorporation into the permanent Works up to and including the date the valuation was made, less any payment (including advance payment) previously made paid under this Contract. PROVIDED THAT such certificate shall only include the value of the said unfixed materials and goods as and from such time as they are reasonably and properly and not prematurely delivered to or adjacent to the Site and adequately protected against weather, damage or deterioration.
- 28.5 This clause shall not apply to any unfixed materials and goods which are supplied and delivered by Nominated Suppliers for which payment shall be made for the full value of the unfixed materials and goods.
- 28.6 Within a number of days as stated in Appendix (or if none stated then within thirty (30) days of the issue of any such Interim Certificate), the Government shall make a payment to the Contractor as follows:
- (a) where the Performance Bond is in the form of a Banker's, Insurance or Finance Company Guarantee, payment shall be made on the amount certified as due to the Contractor in the said Interim Certificate; or
  - (b) where the Performance Bond is in the form of a Performance Guarantee Sum, payment of ninety percent (90%) on the amount certified as due to the Contractor shall be made

with the remaining ten percent (10%) being retained by the Government as a Performance Guarantee Sum. PROVIDED THAT when the sum retained is equivalent to five percent (5%) of the Contract Sum then in any subsequent Certificate, payment shall be made on the full amount certified as due to the Contractor.

**29.0 ADJUSTMENT OF CONTRACT SUM**

The amount to be added to or deducted from the Contract Sum in respect of expense or loss due to fees and charges in relation to the supply of water and electricity and permanent connections to water, electricity, telephone and sewerage mains under clause 6.2, variations under clause 24, rectification of errors in Bill of Quantities under clause 26.3, fluctuation of price under clause 30, payment of P.C. Sums and Provisional Sums under clause 34, opening up work for inspection and testing of materials or goods and executed work under clause 35.2, loss and expense under clause 44 and costs of disposal of fossils, etc. under clause 65 hereof, shall be certified by the S.O.

**30.0 FLUCTUATION OF PRICE**

In accordance with the Special Provisions to the Conditions of Contract for Fluctuation of Price as contained in Appendix (if applicable), the amount payable by the Government to the Contractor upon the issue by the S.O. of an Interim Certificate under clause 28 hereof shall be increased or decreased accordingly. The net total of any such increases or decreases shall be given effect to in determining the Contract Sum.

**31.0 FINAL ACCOUNT AND PAYMENT CERTIFICATE**

- 31.1 As soon as is practicable but not later than three (3) months after the issuance of the Certificate of Practical Completion, the Contractor shall submit full particulars complete with receipts, vouchers records that would substantiate the Contractor's claim under clause 44 together with any documents, supporting vouchers and any explanation and calculations including documents relating to the accounts of Nominated Sub-Contractors or Nominated Suppliers, which may be necessary to enable the Final Account to be prepared by the S.O. PROVIDED ALWAYS the Contractor had given the notice of claim in writing within the stipulated time or times in the said provisions.
- 31.2 If the Contractor fails to submit full particulars of all claims within the stipulated period, the S.O. shall forthwith make the assessment based on the available documents submitted by the Contractor for the purpose of the Final Account. The Government shall be discharged from all liabilities in connection with the claims.
- 31.3 Within three (3) months after the expiry of the Defects Liability Period for the whole of the Works or three (3) months after the issue of the Certificate of Completion of Making Good Defects under clause 48 hereof, whichever is the later, the S.O. shall issue the Final Certificate.
- 31.4 The Final Certificate shall be supported by documents, and full particulars complete with receipts, vouchers records showing the S.O.'s final valuation of Works and any amount determined in clause 31.1 in accordance with the terms of this Contract. After setting out or allowing for all payments or other expenditure of the Government or any permitted deductions made by the Government or the S.O. on its behalf, the Final Certificate shall state any final balance due from the Government to the Contractor or from the Contractor to the Government, as the case may be, which shall thereupon become the debt payable. Such certificate shall also take account of any outstanding permitted deductions not yet made by the Government under the terms of this Contract whether by way of liquidated damages or otherwise.



- 31.5 No final payment due to the Contractor under the Final Certificate, shall be made unless and until the Contractor shall have satisfied the S.O. by means of a Statutory Declaration made by or on behalf of the Contractor to the effect that the workmen who have been employed by the Contractor on the Works including workmen employed by sub-contractors, whether nominated or otherwise (including "labour only" sub-contractors) have received all wages due to them in connection with such employment, and that all dues or contributions under the Employment Act 1955, the Employee's Social Security Act 1969, the Employee's Provident Fund Act 1965 and any other laws relevant to the employment of workmen, have been paid.

### 32.0 EFFECT OF S.O.'S CERTIFICATES

No certificate of the S.O. under any provision of this Contract shall be considered as conclusive evidence as to the sufficiency of any work, materials or goods to which it relates, nor shall it relieve the Contractor from his liability to amend and make good all defects, imperfections, shrinkages, or any other faults whatsoever as provided by this Contract. In any case, no certificate of the S.O. shall be final and binding in any dispute between the Government and the Contractor if the dispute is brought whether before an arbitrator or in the Courts.

### 33.0 DEDUCTION FROM MONEY DUE TO CONTRACTOR

The Government or the S.O. on its behalf shall be entitled to deduct any money owing from the Contractor to the Government under this Contract from any sum which may become due or is payable by the Government to the Contractor under this Contract or any other contracts to which the Government and Contractor are Parties thereto. The S.O. in issuing any certificate under clauses 28 and 31; shall have regard to any such sum so chargeable against the Contractor, provided always that this provision shall not affect any other remedy to which the Government may be entitled for the recovery of such sums.

### 34.0 PRIME COST / PROVISIONAL SUMS

- 34.1 In respect of any and every Prime Cost or P.C. Sum provided in the Contract, the amount due to any Contractor shall be determined by deducting the said Prime Cost or P.C. Sum and the relevant profit and/or attendance charges from the Contract Sum and substituting for the same with the actual amount due to relevant Nominated Sub- Contractor or Nominated Supplier as valued in accordance with the relevant sub-contract and the sums due to any Contractor by way of profit and/or attendance charges at the rates or prices stipulated in the Contract Documents (if any).
- 34.2 The Provisional Sum may be expended at such times and in such amounts as the S.O. may direct. Such sum if not used either wholly or in part shall be deducted from the Contract Sum. The value of works which are executed by the Contractor in respect of Provisional Sums shall be ascertained in accordance with clause 25 hereof. The said value of such work executed by the Contractor shall be set off against all such Provisional Sums and the balance shall be added to or deducted from the Contract Sum as the case may be.
- 34.3 Any work to be executed, or materials or goods to be supplied for which Provisional Sums are provided in the Bills of Quantities may, if the S.O. so decides, be treated as P.C. Sum items and shall be dealt with in accordance with clause 34.1.
- 34.4 Where the Contractor in the ordinary course of his business directly carries out works for which P.C. Sums are provided in the Bills of Quantities and where such works are set out in Appendix hereto and the S.O. is prepared to accept tenders from the Contractor for such works the Contractor shall be permitted to tender for the same or any of them without prejudice to Government's right to reject the lowest or any tender. If the tender of the Contractor for any work

included in the P.C. Sum is accepted, such tender shall be held to include the profit and attendance charges, and the Contractor shall not be entitled to the profit and attendance charges as contained in the Bills of Quantities notwithstanding any provision to the contrary under clause 34.1.

## 35.0 MATERIALS, GOODS AND WORKMANSHIP

- 35.1 All materials, goods and workmanship shall be of the respective kinds and standards described in the Specification and of good quality and in accordance with the standard of the workmanship in the industry. The Contractor shall upon the request of the S.O. furnish him with the relevant certificates and/or vouchers to prove that the materials and goods comply with the Specification.
- 35.2 The Contractor shall, entirely at his own cost, provide samples of materials and goods for testing purposes. The Contractor shall, when instructed by the S.O. to open up for inspection any work covered up, or arrange for or carry out any test of any materials or goods (whether or not already incorporated in the Works) or of any executed work which the S.O. may in writing require and the cost of such opening up or testing (together with the cost of making good in consequence thereof) shall be added to the Contract Sum unless provided for in the Bills of Quantities by way of Provisional Sums or otherwise or unless the inspection or test shows that the work, materials or goods are not in accordance with this Contract.
- 35.3 The Contractor shall pay all duties and taxes which may be imposed by law, such as customs duties and sales tax, on all materials, goods and equipment, whether purchased or imported in the Contractor's name or his agent, which are incorporated in the Works or used directly in the construction, completion or maintenance of the Works.
- 35.4 Except where otherwise specified, the Contractor shall pay all tonnage and other royalties, rent fees and other payments or compensation (if any) for getting stone, sand, gravel, clay or other materials required for the Works.

## 36.0 INSPECTION AND TESTING OF MATERIALS, GOODS AND EQUIPMENT

- 36.1 Further to his the Contractor's obligations under clause 10, the Contractor shall submit to the S.O. for his approval, proposals for inspecting the design and setting out of the Works and testing the materials and workmanship to ensure that the Contractor's obligations under the Contract are fulfilled.
- 36.2 The Contractor shall carry out the inspection and tests approved under clause 36.5 or elsewhere in the Contract and such further tests as the S.O. may reasonably require, including to open up for inspection any work covered up or to carry out any test of any materials or goods (whether or not already incorporated in the Works or any executed Works).
- 36.3 The S.O. may issue instructions to the Contractor to remove from the Site or rectify any work, goods which are not in accordance with this Contract at his own cost.
- 36.4 The Contractor shall, as may be required by the S.O. from time to time, provide such assistance, instruments, machines, labour and materials as are normally required for the purpose of examining, measuring and testing of any work, as well as and the quality, weight or quantity of the materials used, and shall supply samples of materials before incorporation in the Works for testing.
- 36.5 Unless the Contract otherwise provides, the cost of making any test shall be borne by the Contractor if such test is:
- (a) proposed by the Contractor; or

(b) clearly intended by or provided for in the Contract.

36.6 Notwithstanding anything in clause 36.5, if the Contractor carries out any further test as required by the S.O. pursuant to clause 36.2 and the result of such test shows the workmanship or materials is not in accordance with the provisions of the Contract, then the cost of such test shall be borne by the Contractor. But if the result of such test shows the workmanship or materials comply with the provisions of the Contract, then the cost of such test shall be borne by the Government.

## 37.0 CONSTRUCTIONAL PLANT, EQUIPMENT, VEHICLES AND MACHINERIES

37.1 The Contractor shall pay all port dues including (but not by way of limitation) wharfage dues, pilotage fees, anchorage, berthage and mooring fees, quarantine dues, loading portage and overtime fees for constructional plant, equipment, vehicles and machineries for use directly in connection with the construction, completion of the works brought into and despatched from Malaysia by the Contractor (or in his name by agents).

37.2 The Contractor shall furnish to the S.O. all such shipping documents, invoices and other documentation as may be required by the Customs Authorities in connection with the importation of goods, materials, constructional plant, equipment, vehicles and machineries.

37.3 In the case of constructional plant, equipment, vehicles, and machineries imported on the Contractor's behalf by importing agents and the like both the shipping documents and the invoices of the original suppliers or manufacturers must indicate clearly that the consignment is for the Contractor's account.

37.4 The procedure in respect of the requirements of the foregoing shall be determined by the Customs Authorities. The Contractor shall make written application to the S.O. and shall provide the relevant documentation of all constructional plant, equipment, vehicles and machineries to be imported into Malaysia not less than forty-five (45) days before the arrival of the said constructional plant, equipment, vehicles and machineries.

37.5 The Contractor shall pay all charges and other expenses in connection with the landing and shipment of all constructional plant materials and other things of whatsoever nature brought into or despatched from Malaysia for the purpose of the Contract.

37.6 The Contractor shall make his own arrangement in obtaining clearance through the Customs of constructional plant, equipment, vehicles and machineries. However, if required, the S.O.'s assistance may be sought.

37.7 Under this Contract, the Contractor shall be required to furnish all lists of constructional plant, equipment, vehicles and machineries to the S.O. whether the constructional plant, equipment, vehicles and machineries are hired or acquired.

## 38.0 POSSESSION OF SITE

38.1 No work under this Contract shall commence unless and until the Performance Bond stipulated under clause 13 and such insurance policy as specified under clauses 15 and 18 shall have been deposited with the Government, PROVIDED THAT for the purposes of this clause only (but for no other), if the Contractor shall produce to the Government the cover note of the said insurance policy and the receipt of premium paid, it shall be a sufficient discharge of his obligations under this clause.

38.2 Unless the Contract Documents shall otherwise provide, possession of the Site as complete as may reasonably be possible but not so as to constitute a tenancy, shall be given on or before the "Date for Possession" stated in the Letter of Acceptance to the Contractor who shall thereupon

and forthwith commence the Works (but subject to clause 38.1) and regularly and diligently proceed with and complete the Works on or before the Date for Completion as stated in Appendix.

38.3 The "Date for Completion" of the Works as referred to under clause 39 hereof shall be calculated from the said "Date for Possession". PROVIDED ALWAYS that the possession of Site may be given in section or in parts and any other restrictions upon possession of the Site shall be stated in the Appendix to these Conditions or in the Contract Documents.

38.4 In the event of any delay in giving possession of the Site from the "Date for Possession" as stated in Letter of Acceptance or delay in giving any section or part of the Site as provided in clause 38.3, the S.O. may issue instructions in regard to the revision of the "Date for Possession" and the "Date for Completion" shall be appropriately revised under clause 43.1(h) hereof, but the Contractor shall not be entitled to claim for any loss or damage caused by such delay in giving possession of the Site, nor shall he be entitled to terminate this Contract.

38.5 In the event that the giving of the possession of the whole Site is delayed beyond ninety (90) days of the "Date for Possession" stated in the Letter of Acceptance, the S.O. shall give written notice to the Contractor of the causes of such delay. Upon the receipt of the said written notice issued by the S.O., the Contractor may, inform the S.O. in writing of its decision within fourteen (14) days of receipt of the said notice either to:

- (a) agree to proceed with the Works when the Site is subsequently made available, in which case clause 38.4 shall apply in particular, the Contractor shall not be entitled to claim for any loss or damage caused by such delay in giving possession of the Site, or
- (b) terminate this Contract, without prejudice to any other rights or remedies that the Government and the Contractor may have as a result of the termination.

38.6 In the event that the giving of possession of any section or part of the Site (whether provided for in clause 38.3 or otherwise) is delayed beyond ninety (90) days from the Date of Possession stated in the Appendix or the date the Contractor is scheduled to commence work on that section or part of the Works in accordance with the approved programme of Works as referred to in clause 12 hereof as the case may be, then the S.O. shall give written notice to the Contractor of the causes of such delay. Upon receipt of the said written notice, the Contractor may inform the S.O. in writing, within fourteen (14) days of receipt of the said notice of its decision either to:

- (a) agree to proceed with the Works when the section or part of the Site is subsequently made available, in which case sub-clause 38.5(a) above shall apply and in particular, the Contractor shall not be entitled to claim for any loss or damage caused by such delay as aforesaid; or
- (b) request for S.O.'s instruction to omit the relevant section or part of the Works from the Contract. If the S.O. agrees to such request then the relevant section or part of the Works shall be duly omitted and deemed to be a variation to the Contract. Such variation shall not vitiate this Contract. If the S.O. does not agree to such request as aforesaid, then the Contractor shall be entitled to claim for any loss and/or expenses caused by and in respect of such delay beyond ninety (90) days as aforesaid.

### 39.0 COMPLETION OF WORKS

39.1 Subject to clauses 38.3 and 41, the Contractor shall complete the whole of the Works on or before the "Date for Completion" as stated in the Appendix or such extended time as may be allowed under clause 43 hereof.

39.2 If the Contractor considers that the works have achieved practical completion, the Contractor shall notify the S.O. in writing to that effect.

39.3 Within 14 days of receipt of such notice, the S.O. shall carry out testing/ inspection of the Works. Pursuant to such inspection/testing, the S.O. shall –

- (a) issue the Certificate of Practical Completion to the Contractor if in his opinion the whole Works have reached Practical Completion and have satisfactorily passed any inspection/test carried out by the S.O. The date of such completion shall be certified by the S.O. and such date shall be the date of the commencement of the Defects Liability Period as provided in clause 48 hereof; or
- (b) give instruction to the Contractor specifying all defective works which are required to be completed by the Contractor before the issuance of the Certificate of Practical Completion.

39.4 If the S.O. has given instruction pursuant to clause 39.3(b), no Certificate of Practical Completion shall be issued to the Contractor until the Contractor has effectively carried out the remedial work within reasonable period to the satisfaction of the S.O.

39.5 The Works shall not be regarded as practically complete unless it has fulfilled the following:

- (a) the Works have been completed in accordance with the terms and conditions of this Contract;
- (b) the Government can have full, proper and beneficial use of the Works for their intended purpose, notwithstanding that there may be works of a very minor defects PROVIDED THAT such works do not prevent or diminish the full, proper and beneficial use as aforesaid;
- (c) the Works have passed any commissioning tests required in the Contract Document;
- (d) the Works shall be made available to the Government in a condition fit for occupation; and
- (e) all the essential services, including access roads, landscape, car parks, drains, sanitary, water and electricity installation, fire hydrant, sewerage and refuse disposal equipment and fire lifts specified in this Contract.

39.6 When the whole of the Works have reached practical completion to the satisfaction of the S.O., the date of such completion shall be certified by him and such date shall be the date of the commencement of the Defects Liability Period as provided in clause 48 hereof.

#### 40.0 DAMAGES FOR NON-COMPLETION

40.1 If the Contractor fails to complete the Works by the Date for Completion or within any extended time granted pursuant to clause 43, the S.O. shall forthwith issue a Certificate of Non-Completion to the Contractor.

40.2 Without prejudice to the Government's right to terminate this Contract, when the S.O. issues the Certificate of Non-Completion, the Government shall be entitled to recover from the Contractor, Liquidated and Ascertained Damages calculated at the rate stated in Appendix 1 from the period of the issuance of the Certificate of Non-Completion to the date of issuance of Certificate of Practical Completion or the date of termination of this Contract. The S.O. may deduct such Liquidated and Ascertained Damages from any money due or to become due to the Contractor, failing which such damages shall be recovered from the Performance Bond or as a debt due from the Contractor. The S.O. shall inform the Contractor in writing of such deduction.

40.3 The Liquidated and Ascertained Damages stated in Appendix 1 shall be deemed to be a reasonable amount of loss which the Government will suffer in the event that the Contractor is in

breach of this clause. The Contractor by entering into this Contract agrees to pay to the Government the said amount(s) if the same become due without the need of the Government to prove his actual damage or loss.

- 40.4 The payment or deduction of such Liquidated and Ascertained Damages shall not relieve the Contractor from his obligation to complete the Works or from any of its obligations and liabilities under the Contract.

#### 41.0 SECTIONAL COMPLETION

- 41.1 Where different completion dates for different sections or parts of the Works are stated and identified in Appendix or elsewhere in the Contract Documents and different and separate Liquidated and Ascertained Damages are provided for each section or part of the Works, the provisions of this Contract in regard to:

- (a) Certificate of Practical Completion;
- (b) Delay and Extension of Time;
- (c) Liquidated Ascertained Damages; and
- (d) Defects Liability Period,

but not Insurance of the Works under clause 18, Performance Bond under clause 13 and final payment on the Final Certificate under clause 31 hereof shall, in the absence of any express provision to the contrary elsewhere in the Contract Documents apply as if each such section or part was the subject of a separate and distinct contract between the Government and the Contractor.

- 41.2 For the avoidance of doubt, nothing contained in clause 41.1 shall entitle the Contractor to the release of the whole or any part of the Performance Bond or Performance Guarantee Sum deposited by him. The Performance Bond or Performance Guarantee Sum shall be released or be refunded only upon the issue of the Certificate of Making Good Defects of the whole of the Works or in respect of the last section of the Works, as the case may be.

#### 42.0 PARTIAL OCCUPATION/TAKING OVER BY GOVERNMENT

- 42.1 If at any time before the whole of the Works have reached practical completion pursuant to clause 39, the Government with the consent of the Contractor (which consent shall not be unreasonably withheld) shall take possession of and occupy any part or parts of the same (any such part being hereinafter in this Clause referred to as 'the relevant part'), then notwithstanding anything expressed or implied elsewhere in this Contract.

##### *Certificate of Partial Occupation*

- (a) within seven (7) days from the date on which the Government shall have taken possession of the relevant part, the S.O. shall issue a Certificate of Partial Occupation in respect of the relevant part stating the estimated value of the said relevant part, and for all the purposes of this Clause (but for no other) the value so stated shall be deemed to be the total value of the said relevant part;

##### *Defects Liability Period*

- (b) for the purposes of clauses 39 and 48 hereof, the relevant part shall be deemed to have reached practical completion and the Defects Liability Period in respect of the relevant

part shall be deemed to have commenced on the date on which the Government shall have taken possession and occupied thereof;

**Certificate of Making Good Defects**

- (c) at the end of the Defects Liability Period of the relevant part and if in the opinion of the S.O. any defect, imperfection, shrinkage or any other fault whatsoever in respect of the relevant part which he may have required to be made good under clause 48.1, shall have been made good by the Contractor, the S.O. shall issue a certificate to that effect;

**Reduction of Liquidated Ascertained Damages**

- (d) if, before the time of completion of the whole of the Works or, if applicable any section, a Certificate of Practical Completion has been issued for any part of the Works or of a section, the rate of the liquidated and ascertained damages for delay in completion of the remainder of the Works or of that section shall, for any period of delay after the date stated in such Certificate of Practical Completion, be reduced in the proportion which the value of the part so certified bears to the value of the whole of the Works or section, as applicable;

**Insurance of the Works**

- (e) notwithstanding the partial occupation by the Government of the relevant part the Contractor shall insure and keep insured the Works in the manner as stipulated under clause 18 and the Contractor shall give notice to the insurer of such partial occupation; and

**Performance Bond Not Affected**

- (f) it is expressly agreed that nothing contained in the preceding paragraphs shall entitle the Contractor to the release of the Performance Bond or any part thereof deposited by him under clause 13 hereof, the intention being that the said Performance Bond or any part thereof shall be released or refunded only upon the completion of making good all defects, imperfections, shrinkages or other faults which may appear during the Defects Liability Period and upon the giving of the Certificate of Completion of Making Good Defects for the whole of the Works under clause 48 hereof.

**43.0 DELAY AND EXTENSION OF TIME**

43.1 Upon it becoming reasonably apparent that the progress of the Works is delayed, the Contractor shall forthwith give written notice to the S.O as to the causes of delay and relevant information with supporting documents enabling the said officer to form an opinion as to the cause and calculation of the length of delay. If in the opinion of the S.O the completion of the Works is likely to be delayed or has been delayed beyond the Date for Completion stated in Appendix 1 or beyond any extended Date for Completion previously fixed under this Clause due to any or more of the following events:

- (a) force majeure as provided under clause 58;
- (b) exceptionally inclement weather;
- (c) suspension of Works under clause 50;
- (d) directions given by the S.O., consequential upon disputes with neighbouring owners provided the same is not due to any act, negligence or default of the Contractor or any sub-contractor, nominated or otherwise;

- (e) S.O.'s instructions issued under clause 5 hereof, PROVIDED THAT such instructions are not issued due to any act, negligence, default or breach of this Contract by the Contractor or any sub-contractor, nominated or otherwise;
- (f) the Contractor not having received in due time instructions in regard to the nomination of sub-contractors and/or suppliers provided in this Contract, necessary instructions, drawings or levels for the execution of the Works from the S.O. due to any negligence or default of the S.O. PROVIDED THAT the Contractor shall have specifically applied in writing on a date which having regard to the Date for Completion stated in Appendix or to any extension of time then fixed under this clause, was neither unreasonably distant from nor unreasonably close to the date on which it was necessary for him to receive the same;
- (g) delay in giving possession of the Site as provided under clause 38.4 hereof other than claim in effecting insurance and Performance Bond;
- (h) delay on the part of artists, tradesmen or others engaged by the Government in executing work not forming part of this Contract;
- (i) the Contractor's inability for reason beyond his control and which he could not reasonably have foreseen at the date of closing of tender of this Contract to secure such goods, materials and/or services as are essential to the proper carrying out of the Works; or
- (j) delay on the part of the Nominated Sub-contractors and/or Nominated Suppliers to perform their works, due to reasons as stated above in sub-clauses (a) to (i),

then the S.O. may if he is of the opinion that the extension of time should be granted, so soon as he is able to estimate the length of the delay beyond the date or time aforesaid issue a Certificate of Delay and Extension of Time giving a fair reasonable extension of time for completion of the Works.

PROVIDED THAT all such delays are not due to any act, negligence, default or breach of contract by the Nominated Sub-contractor and/or Nominated Supplier and/or the Contractor, or any of the servants or agents of such Nominated Sub-contractor or Nominated Supplier or the Contractor.

PROVIDED ALWAYS that the Contractor has taken all reasonable steps to avoid or reduce such delay and shall do all that may reasonably be required to the satisfaction of the S.O. to proceed with the Works.

PROVIDED FURTHER that the Contractor shall not be entitled to any extension of time where the instructions or acts of the S.O. are necessitated by or intended to remedy any default of or breach of contract by the Contractor.

#### 44.0 CLAIMS FOR LOSS AND EXPENSE

44.1

If at any time during the regular progress of the Works or any part thereof has been materially affected by reason of delays as stated under clause 43.1 (c), (d), (e), (f) and (h), and the Contractor has incurred direct loss and/or expense beyond that reasonably contemplated and for which the Contractor would not be reimbursed by a payment made under any other provision in this Contract, then the Contractor shall within thirty (30) days of the occurrence of such event or circumstances or instructions give notice in writing to the S.O. of his intention to claim for such



direct loss or expense together with an estimate of the amount of such loss and/or expense, subject always to clause 44.2 hereof.

- 44.2 As soon as is practicable but not later than ninety (90) days after practical completion of the Works, the Contractor shall submit full particulars of all claims for direct loss or expense under clause 44.1 together with all supporting documents, vouchers, explanations and calculations which may be necessary to enable the direct loss or expense to be ascertained by the S.O.. The amount of such direct loss or expense ascertained by the S.O. shall be added to the Contract Sum.
- 44.3 If the Contractor fails to comply with clauses 44.1 and 44.2, he shall not be entitled to such claim and the Government shall be discharged from all liability in connection with the claim.

#### 45.0 INVESTIGATION BY THE GOVERNMENT AND OTHER PERSONS IN CASE OF ACCIDENT, FAILURE OR OTHER EVENT

Where the Government, its employee or any person or body appointed or authorised by it carries out any investigation in relation to any accident, failure or other event which has occurred to, in or in connection with the Works or any part thereof for the purpose of determining the cause or reason for the said accident, failure or event, the Contractor shall render all such necessary assistance and facilities as may be required by the Government, its employee or such person or body, including the giving of access to all specifications, designs, records and other available information relating to the Works.

#### 46.0 ACCESS FOR WORKS, ETC.

##### 46.1 Access for S.O.

- (a) The S.O. and any person authorised by the S.O. shall at all times have access to the Works and to the factories, workshops or other places of the Contractor or of any sub-contractor or supplier where any equipment, materials, goods or work are being manufactured, fabricated, assembled, prepared or stored for the Contract.
- (b) Where any such equipment, materials, goods or work are being manufactured, fabricated, assembled, prepared or stored in the factories, workshops or other places of a sub-contractor or supplier, the Contractor shall by a term in the sub-contract secure a similar right of access to those factories, workshops or other places for the S.O. and any person authorised by the S.O., and shall take reasonable steps required of him by the S.O. to enforce or assist in enforcing such right.
- (c) Any person so removed from the Works shall be replaced without delay by a substitute approved by the S.O.; PROVIDED THAT the Contractor shall not be entitled to any claim for any expense whatsoever incurred by him in respect of any direction given by the S.O. under this Clause.

##### 46.2 Access for Other Contractors and Workmen

The Contractor shall in accordance with the requirements of the S.O. afford all reasonable access and facilities to any other person engaged by the Government and their workmen and of any other constituted authorities for the purposes of executing any work on or near the Site.

**47.0 SUB-CONTRACT OR ASSIGNMENT**

- 47.1 The Contractor shall not without the prior written consent of the S.O. (which consent shall not be unreasonably delayed or withheld) sub- contract the design for any portion of the Works under clause 22 of this Contract. Where the S.O. consents to any sub-contract under this clause, such consent shall not in any way absolve the obligations of the Contractor under clause 10.
- 47.2 The Contractor shall not sub- contract the whole or any substantial part of the Works without the prior written consent of the S.O. (which consent shall not be unreasonably delayed or withheld). Any such consent, if given, shall not relieve the Contractor from any liability or obligation under this Contract and he shall be responsible for the due observance by such sub-contractors, of all the terms, stipulations and conditions under this Contract.
- 47.3 Notwithstanding any sub-contract made pursuant to clauses 47.1 and 47.2, the Contractor shall be fully responsible for the acts, defaults or neglects of any sub-contractor, including 'labour only' sub-contractors, his agents, servants or workmen as if they were the acts, defaults or neglects of the Contractor, his agents, servants or workmen; PROVIDED THAT the provision of labour on a piecework basis shall not be deemed to be a sub-contract under this clause.
- 47.4 It shall be a condition in any sub-contract which has been consented to by the Government that upon termination of the Contractor's employment under the Contract, the employment of the sub-contractor under the sub-contract shall terminate immediately. No claim whatsoever shall be made by the Contractor and/or sub-contractor against the Government for any work done or materials or goods supplied.
- 47.5 If the Contractor sub-contracts the Works, in whole or in part, to any person without getting prior written consent of the S.O. as provided under this clause, the S.O. shall have the right to instruct the Contractor to forthwith terminate such sub-contract and the Contractor shall be liable for all costs and expense relating to such termination.
- 47.6 The Contractor shall not assign the Contract or any part thereof, or any benefit or interest therein or thereunder otherwise than by way of assignment in favour of the Contractor's banker or any financial institution or Corporation of any monies due or to become due under this Contract without prior written consent of the S.O.

**48.0 DEFECTS AFTER COMPLETION**

**48.1 Completion of Outstanding Work and Remedying Defects**

- (a) At any time during the Defects Liability Period as stated in Appendix hereto (or if none stated the period is twelve (12) months from the date of practical completion of the Works), any defect, imperfection, shrinkage or any other fault whatsoever which may appear and which are due to materials or goods or workmanship not in accordance with this Contract, the S.O. shall issue written instruction to the Contractor to make good such defects, imperfections, shrinkages or any other fault whatsoever at the Contractor's own cost. The Contractor shall complete all such works with due expedition or within such time as may be specified by the S.O.
- (b) Without prejudice to sub-clause (a), any defect, imperfection, shrinkage or any other fault whatsoever which may appear during the Defects Liability Period to be made good by the Contractor, shall be specified by the S.O. in the Schedule of Defects which he shall deliver to the Contractor not later than fourteen (14) days after the expiration of the Defects Liability Period. The defects, imperfections, shrinkages or any other fault whatsoever specified in the Schedule of Defects shall be made good by the Contractor at his own costs and to be completed within a reasonable time but in any case not later than three (3) months after the receipt of the said Schedule. PROVIDED THAT the S.O.

shall not be allowed to issue any further instruction requiring the Contractor to make good of any defect, imperfection, shrinkage or any other fault whatsoever after the issuance of the said Schedule of Defects or after fourteen (14) days from the expiration of the said Defects Liability Period, whichever is the later.

## 48.2 Default in Remedying Defects

If the Contractor shall fail to comply with either clause 48.1(a) and/or 48.1(b) within the time so specified, the materials or works so affected may be made good in such manner as the S.O. may think fit, in which case the costs incurred including On-Cost Charges (calculated by applying the Percentage of On-Cost Charges stated in Appendix to the costs incurred), shall be deducted from any money due or to become due, to the Contractor under this Contract and failing which such costs shall be recovered from the Performance Bond or as a debt due from the Contractor.

## 48.3 Diminution in Value of Works

If any defect, imperfection, shrinkage or any other fault whatsoever is such that, in the opinion of the S.O., it shall be impracticable or inconvenient to the Government to have the Contractor to remedy the same, the S.O. shall ascertain the diminution in the value of the Works due to the existence of such defects, imperfections, shrinkages or any other fault whatsoever. The amount of such diminution shall be recoverable by the Government from the Contractor as a debt due under the Contract and failing which such diminution shall be recovered from the Performance Bond.

## 48.4 Certificate of Completion of Making Good Defects

When in the opinion of the S.O. the Contractor has made good the defects, imperfections, shrinkages or any other fault whatsoever which he is required to make good under clauses 48.1(a) or (b), or both, the S.O. shall issue a certificate to that effect, and the date specified in such certificate shall be the date on which the Contractor has completed making good such defects, imperfections, shrinkages or any other fault whatsoever. The said Certificate shall be referred to as the "Certificate of Completion of Making Good Defects".

## 49.0 UNFULFILLED OBLIGATIONS

Notwithstanding the issue of the Certificate of Completion of Making Good Defects under clause 48.4 hereof the Contractor and the Government shall remain liable for the fulfilment of any obligation incurred under the provisions of the Contract, prior to the issue of the said certificate, which remains unfulfilled at the time such certificate is issued, and for the purpose of determining the nature and extent of any such obligation, the Contract shall be deemed to remain in force between the Parties hereto.

## 50.0 SUSPENSION OF WORKS

### 50.1 Suspension and Resumption of Works

- (a) The S.O. may at any time instruct the Contractor to suspend part or all of the Works.
- (b) Upon receipt of such written instruction, the Contractor shall suspend part or all of the Works for such time and in such manner as specified in the instruction and shall duly protect, store and secure the Works or such part of the Works against any deterioration, loss or damage.
- (c) During the suspension period, the Contractor shall continue to perform its obligations under this Contract, which are not affected by the instruction to suspend, including the obligation to effect and maintain insurances and Performance Bond.

- (d) The S.O. may instruct the Contractor to resume the Works at any time thereafter. Upon receipt of such instruction the Contractor shall resume the Works and the Parties shall jointly examine the Works affected by the suspension. The Contractor shall make good any deterioration or defect in or loss of the Works which has occurred during the suspension. The Contractor shall also take all necessary actions to mitigate the expenses incurred

**50.2 Extension of Time..**

If the Contractor suffers delay and/or incurs expenses in complying with the instruction under clause 50.1(a), and in resumption of the Works, and if such delay and/or expenses was not foreseeable by the Contractor, the Contractor shall give notice for extension of time under clause 43 and the provisions thereof shall apply accordingly. PROVIDED THAT the Contractor shall not be entitled to such extension if the suspension is due to a cause attributable to the Contractor and he shall not be entitled to payment of loss and expense if he —

- (a) fails to take measures specified in clause 50.1(b); and
- (b) fails to take all necessary action to mitigate the expenses incurred.

In the event such suspension shall continue for a period exceeding twelve (12) months, the Parties shall then discuss whether to mutually terminate the Contract or suspend the Works for a further period.

**50.3 Consequences of Mutual Termination**

- (a) If the Contract is mutually terminated under this clause-
  - (i) clause 51.1(c)(i) shall be applicable; and
  - (ii) payment obligations including all costs and expenditure incurred by the Government and the Contractor shall be ascertained in accordance with clause 54.

**51.0 EVENTS AND CONSEQUENCES OF DEFAULT BY THE CONTRACTOR**

**51.1 Default of Obligations**

**(a) Events of Default**

In the event the Contractor -

- (i) fails to commence works at the Site within two (2) weeks after the Date for Possession;
- (ii) suspends or abandons the carrying out of the Works or any part thereof for a continuous period of ..... (....) days;
- (iii) fails to proceed regularly and diligently with the performance of his obligations under the Contract;
- (iv) fails to execute the Works in accordance with the Contract;
- (v) persistently neglects to carry out his obligations under the Contract;

- (vi) refuses or persistently neglects to comply with a written notice from the S.O. in relation to any defective work or equipment, materials or goods which are defective or do not meet the requirements of the Contract;
- (vii) fails to comply with the provisions of clause 47; or
- (viii) fails to comply with any terms and conditions of this Contract,

then the Government shall give written notice to the Contractor specifying the default, and requiring the Contractor to remedy such default within fourteen (14) days of the receipt of the default notice or any period determined by the Government.

**(b) Termination**

If the Contractor fails to remedy the breach within such period, the Government shall have the right to forthwith terminate this Contract by giving a written notice to that effect

**(c) Consequences of Termination**

If this Agreement is terminated under clause 51.1(b) -

- (i) the Contractor shall -
  - (A) forthwith cease all operations of the Works;
  - (B) carry out any protection works so as to secure the Site, equipment, goods, materials therein against any deterioration, loss or damage and to do all things necessary so as to leave the Site in a clean and tidy condition;
  - (C) remove its personnel and workmen from the Site;
  - (D) vacate the Site within the time stipulated by the S.O., remove all temporary buildings, plant, tools, equipment, goods and unfixed materials which have not been paid by the Government, as specified by the S.O. Failing which, the Government may (but without being responsible for any loss or damage) remove and sell any such property belonging to the Contractor, holding the proceeds, less all cost incurred, to the credit of the Contractor;
  - (E) either -
    - (aa) terminate all third party contracts entered into by the Contractor for the purposes of this Contract;
    - (bb) assign to the Government, if so required by the S.O., at no cost or expense to the Government, the benefit of any agreement for the supply of materials or goods and/or for the execution of any work or services for the purposes of this Contract; or
    - (cc) allow such third party to enter into a contract with the Government or any person deemed necessary by the Government for the purpose of completing the Works;

PROVIDED THAT the Government shall not be obliged to pay any third party for any materials or goods delivered or any work executed or services for the purposes of this Contract (whether before or after the date of termination) for which the Government has paid but the Contractor has failed to make payment to the third party;

- (F) at no cost to the Government, hand over to the Government all plans, designs, specification and other relevant documents relating to the Works;
  - (G) pay to the Government for any losses and damages as a result of termination of this Contract in the manner provided under clause 56; and
  - (H) not be released from any of its obligations under the Contract.
- (ii) the Government shall –
- (A) call upon the Performance Bond or forfeit the Performance Guarantee Sum;
  - (B) enter and repossess the Site;
  - (C) be entitled to carry out and complete the Works on its own or employ any other person to carry out and complete the Works; and
  - (D) be entitled to claim against the Contractor for any losses, costs, expenses and damages suffered as a result of termination of this Contract in the manner provided under clause 56.
- (iii) for the avoidance of doubt, the Parties hereby agree that the Contractor shall not be entitled to any form of losses including loss of profit, damages, claims or whatsoever upon termination of this Contract under this clause.

51.2 General Default

(a) Events of Default

If at any time during the Contract Period-

- (i) the Contractor becomes bankrupt;
- (ii) the Contractor becomes insolvent or compounds with or enters into an arrangements or compositions with its creditors;
- (iii) an order is made or resolution is effectively passed for the winding-up of the Contractor (except for the purpose of restructuring or amalgamation with the written consent of the Government, which consent shall not be unreasonably withheld);
- (iv) a provisional liquidator, receiver or manager of its business or undertaking duly appointed, or possession taken by or on behalf of creditors or debenture holders secured by a floating charge of any property comprised in or subject of the floating charge; or
- (v) execution is levied against a substantial portion of the Contractor's assets,

then the Government shall have the right to terminate this Contract forthwith by giving notice to that effect.

(b) **Consequences of Termination**

- (i) In the event the termination of this Contract under clause 51.2 takes place, clauses 51.1(c)(i) and 51.1(c)(ii) shall apply.
- (ii) For the avoidance of doubt, the Parties hereby agree that the Contractor shall not be entitled to any form of losses including loss of profit, damages, claims or whatsoever upon termination of this Contract under this clause.

**52.0 TERMINATION ON NATIONAL INTEREST**

**52.1 Termination**

- (a) Notwithstanding any provision of this Contract, the Government may terminate this Contract by giving not less than thirty (30) days written notice to that effect to the Contractor (without any obligation to give any reason thereof) if the Government considers that such termination is necessary for national interest, national policy or national security.
- (b) For the purpose of this clause, what constitutes "national interest", "national policy" and "national security", shall be solely made and determined by the Government and such determination shall for all intent and purposes be final and conclusive and shall not be open to any challenge whatsoever.

**52.2 Consequences of Termination**

Upon such termination of this Contract under clause 52.1-

- (a) payment obligations including all costs and expenditure incurred by the Government and the Contractor shall be ascertained in accordance with clause 54; and
- (b) clause 51.1(c)(i) and clause 51.1(c)(ii)(B) and (C) shall apply.

**53.0 TERMINATION ON CORRUPTION, UNLAWFUL OR ILLEGAL ACTIVITIES**

**53.1 Termination**

Without prejudice to any other rights of the Government, if the Company, its personnel, servants or employees is convicted by a court of law for corruption or unlawful or illegal activities in relation to this Contract or any other agreement that the Contractor may have with the Government, the Government shall be entitled to terminate this Contract at any time, by giving immediate written notice to that effect to the Contractor.

**53.2 Consequences of Termination**

Upon such termination under clause 53.1 -

- (a) the Government shall be entitled to all losses, costs, damages and expenses including any incidental costs and expenses incurred by the Government arising from such termination;
- (b) clause 51.1(c)(i) and (ii) shall apply; and

- (c) for the avoidance of doubt, the Parties hereby agree that the Contractor shall not be entitled to any other form of losses including loss of profit, damages, claims or whatsoever upon termination of this Contract.

**54.0 PAYMENTS UPON SUSPENSION AND TERMINATION ON NATIONAL INTEREST**

54.1 If this Contract is terminated under clause 50 or clause 52, the amount to be paid (in so far as such amounts or items have not already been covered by payments on account made to the Contractor) shall be the following:

- (a) the value of all work carried out up to the date of termination;
- (b) the amounts payable in respect of any preliminary items so far as the Work or service comprised therein has been carried out or performed and a proper proportion of any such items which have been partially carried out or performed;
- (c) the cost of materials or goods reasonably ordered for the Works which have been delivered to the Contractor or of which the Contractor is legally liable to accept delivery (such materials or goods becoming the property of the Government upon such payment being made to the Contractor);
- (d) a sum being the amount of any expenditure reasonably incurred by the Contractor in so far as such expenditure has not been recovered by any other payments referred to in this sub-clause; and
- (e) the reasonable cost of any protection works and removal of equipment and site facilities pursuant to termination as provided under this Contract,

PROVIDED THAT such amount to be paid by the Government shall be confined only to those items as are clearly and expressly stated in sub-clauses (a)-(e) above.

54.2 For the avoidance of doubt, the Parties hereby agree that the Contractor shall not be entitled to any other form of losses including loss of profit, damages, claims or whatsoever other than stipulated under clause 54.1(a)-(e). The Parties further agree that the amount agreed above by the Government shall constitute as a full and final settlement between the Parties.

54.3 Upon termination of this Contract under clause 50 and clause 52, a final account of this Contract shall be prepared and issued by the S.O.

**55.0 EVENTS AND CONSEQUENCES OF DEFAULT BY THE GOVERNMENT**

**Default of Obligations**

**(a) Events of Default**

If the Government without any reasonable cause fails to perform or fulfil any of its obligations which adversely affects the Works,

then the Contractor may issue a notice specifying the default by the Government and requiring the Government to remedy the same within the period specified therein taking into account the nature of the remedy to be carried out by the Government or such other period as may be agreed by both Parties from the date of receipt of such notice.

**(b) Termination**



If the Government fails to remedy the default period specified in such notice issued under Clause 55 (a) within the stipulated period time therein, the Contractor shall have the right to forthwith terminate this Contract by giving a written notice to that effect.

**(c) Consequences of Termination**

If this Contract is terminated under Clause 55 (b)

- (i) the Government shall pay to the Contractor –
  - (a) the value of the Works carried out up to the date of termination;
  - (b) the amounts payable in respect of any preliminary items so far as the Work or service comprised therein has been carried out or performed and a proper proportion of any such items which have been partially carried out or performed;
  - (c) the cost of materials or goods reasonably ordered for the Works which have been delivered to the Contractor or of which the Contractor is legally liable to accept delivery (such materials or goods becoming the property of the Government upon such payment being made to the Contractor); and
  - (d) a sum being the amount of any expenditure reasonably incurred by the Contractor in so far as such expenditure has not been recovered by any other payments referred to in this sub-clause.
- (ii) For the avoidance of doubt, the Parties hereby agree that the Contractor shall not be entitled to any other form of losses including loss of profit, damages, claims or whatsoever upon termination of this Contract.

**56.0 CERTIFICATE OF TERMINATION COSTS**

56.1 As soon as the arrangements for the completion of the Works made by the Government enable the S.O. to make a reasonably accurate assessment of the ultimate cost to the Government of completing the Works following the termination of the Contractor's employment and the engagement of other contractors or persons, and the amount of direct loss and/or damage caused to the Government due to the termination has been ascertained by the S.O., then the S.O. may issue a certificate (hereinafter referred to as the "Certificate of Termination Costs") stating the Completion Cost (hereinafter defined) and the Final Contract Sum (hereinafter defined).

56.2 The Completion Cost comprises the following sums, costs or expenditure:

- (a) the sums previously paid to the Contractor by the Government;
- (b) the sums paid or payable to other contractors or persons engaged by the Government to complete the Works;
- (c) any sums paid to sub-contractors or suppliers under clause 61;
- (d) any costs or expenditure incurred or to be incurred including On-Cost Charges incurred by the Government in completing the Works; and
- (e) the amount of direct loss and/or damage caused to the Government due to the termination.

56.3 The Final Contract Sum comprises of the following amounts or sums:

- (a) the amount which would have been payable under the Contract on completion in accordance with the Contract, allowing any variations or other matters which would have resulted in an adjustment of the original Contract Sum; and
- (b) any other sums which the Government might be entitled under the terms of the Contract to deduct from the original Contract Sum,

had the Contractor's employment not been terminated.

- 56.4 The Certificate of Termination Costs shall state the difference between the Final Contract Sum and the Completion Cost. If the Final Contract Sum is less than the Completion Cost, the difference shall be a debt payable by the Contractor to the Government and if greater the difference shall be a debt payable by the Government to the Contractor.
- 56.5 The Certificate of Termination Costs shall be binding and conclusive on the Contractor as to the amount of such loss or damage specified therein.
- 56.6 In the event the completion of the Works being undertaken departmentally, allowance shall be made, when ascertaining the amount to be certified as costs and expense incurred by the Government, for cost of supervision, interest and depreciation on plant and all other usual overhead charges and profit as would be incurred if the Works were completed by other contractors or persons.

#### 57.0 SURVIVING RIGHTS

Any termination under this Contract shall not affect the liability of either Party hereto for any of its acts or omissions during the period of the Contract and both Parties shall thereafter continue to be so liable and shall keep the other Party hereto indemnified and hold harmless in respect of any claims arising therefrom.

#### 58.0 EFFECT OF FORCE MAJEURE

- 58.1 Neither the Government nor the Contractor shall be in breach of its obligations under this Contract if it is unable to perform its obligation under this Contract (or any part of thereof), other than the payment obligations as a result of the occurrence of an Event of Force Majeure.

58.2 An "Event of Force Majeure" is an event beyond the control of both Parties which are:

- (a) war (whether declared or not), hostilities, invasion, act of foreign enemies;
- (b) insurrection, revolution, rebellion, military or usurped power, civil war, terrorism;
- (c) natural catastrophe including but not limited to earthquakes, floods, subterranean spontaneous combustion or any operation of the forces of nature against which an experienced contractor could not reasonably have been expected to take precautions;
- (d) nuclear explosion, radioactive or chemical contamination or radiation (unless caused by the negligence act, omission or default of the Contractor, its agents or personnel);
- (e) pressure waves caused by aircraft or other aerial devices traveling at sonic or supersonic speeds; and
- (f) riot, commotion or disorder, unless solely restricted to employees of the Contractor or its personnel, servants or agents.

- 58.3 If an Event of Force Majeure occurs by reason of which either Party is unable to perform any of its obligation under this Contract (or any part thereof), the Party shall inform the other Party immediately of the occurrence of that Event of Force Majeure with full particulars thereof and the consequences thereof.
- 58.4 If either Party considers the Event of Force Majeure to be of such severity or to be continuing for such period of time that it effectively frustrates the original intention of this Contract, then the Parties may agree that this Contract may be terminated upon mutual agreement of the Parties.
- 58.5 If this Contract is terminated by an Event of Force Majeure pursuant to the above clause, all rights and obligations of the Parties under this Contract shall forthwith terminate and neither Party shall have any claim against the other Party and neither Party shall be liable to each other save for any rights and liabilities accruing prior to the occurrence of the Event of Force Majeure.
- 58.6 Neither Party shall be entitled to rely upon the provisions above if both Parties reasonably determine that an Event of Force Majeure has not occurred.
- 58.7 For avoidance of doubt, the Parties shall continue to perform those parts of those obligations not affected, delayed or interrupted by an Event of Force Majeure and such obligations shall, pending the outcome of this clause continue in full force and effect.

#### 59.0 SITE AGENT AND ASSISTANTS

Unless otherwise provided elsewhere in this Contract, the Contractor shall keep constantly on the Site a competent, efficient, suitably qualified, experienced and good character site agent and his assistants in each trade as may be necessary who must be capable of receiving instructions in Bahasa Malaysia, and in default it shall be the responsibility of the Contractor to provide replacement for them and all wages and other expenses in connection with the employment of such replacement site agent and assistants. Any directions, explanations or instructions given to such site agent by the S.O. shall be deemed to have been given to the Contractor under this Contract.

#### 60.0 NOMINATED SUB-CONTRACTORS AND/OR NOMINATED SUPPLIERS

- 60.1 The S.O. shall obtain tenders for Nominated Sub-Contractor's or Nominated Supplier's work or services, or for the supply of materials or goods in respect of which Prime Cost Sums or Provisional Sums are included in the Bills of Quantities, and the Contractor shall, on the written instruction of the S.O., enter into such sub-contracts with the Nominated Sub-Contractor or Nominated Supplier as the case may be and such sub-contracts shall be in the form as referred to in clause 60.2(b).
- 60.2 The S.O. shall not nominate as a sub-contractor or a supplier in connection with the Works:
- (a) a person against whom the Contractor shall make in writing within twenty one (21) days from the date of the S.O.'s instruction under clause 60.1 hereof what the S.O. considers to be reasonable objection;
  - (b) a person who will not enter into a sub-contract with terms and conditions as provided in the Government standard form of sub-contract for Nominated Sub-contractor (Form PWD 203N) or for Nominated Supplier (Form PWD 203P), as the case may be; or
  - (c) a person who will not give to the Government such indemnity with terms and conditions as provided in the Government standard form of Letter of Indemnity for Nominated Sub-contractors (Form PWD 203N7) or for Nominated Suppliers (Form PWD 203P7), as the case may be.

60.3 If pursuant to clause 60.2, the Contractor is not required to enter into a sub-contract with a Nominated Sub-contractor or Nominated Supplier, as the case may be, the S.O. shall do one or more of the following:

- (a) nominate an alternative sub-contractor or supplier, as the case may be, in which case clause 60.2 hereof shall apply;
- (b) by order under clause 24 vary the Works or the work or services, materials or goods, the subject of the Prime Cost Sums or Provisional Sum as aforesaid, including if necessary the omission of any such work or services, materials or goods so that they may be provided by workmen, contractors or suppliers, as the case may be, employed by the Government either concurrently with the Works or at some other date in which case the Contractor shall not be entitled to claim for any losses therefrom; or
- (c) in accordance with clause 34.4 arrange for the Contractor to execute such work or services, or to supply such materials or goods.

**61.0 PAYMENT TO NOMINATED SUB-CONTRACTOR OR SUPPLIER**

61.1 The S.O. in issuing Interim Certificates under clause 28 or the Final Certificate under clause 31 hereof shall state separately the amount of interim or final payment due to each Nominated Sub-Contractors or Suppliers which amount subject to clause 61.2 hereof, shall be paid by the Government direct to the Nominated Sub-contractors or Suppliers. The amount paid by the Government direct to the Nominated Sub-contractors or Suppliers shall be deemed to be a payment to the Contractor by the Government under and by virtue of this Contract.

61.2 Subject to the relevant provisions in the sub-contract (Form PWD 203N or Form PWD 203P as the case may be), the Contractor shall be entitled to be paid and the Government may pay to the Contractor out of any money otherwise due to a Nominated Sub-contractors or Suppliers:

- (a) any amount which the Government or the S.O. on its behalf in exercise of any rights under this Contract has deducted from any money due to the Contractor and such deduction is in respect of some act or default solely of the Nominated Sub-contractors or Suppliers, his servants or agents;
- (b) any amount agreed by the Nominated Sub-Contractor or Suppliers as due to the Contractor, or any amount awarded in arbitration or litigation in favour of the Contractor which arises out of or under the sub-contract; and
- (c) the amount of any claim for loss and/or expense actually incurred by the Contractor by reason of any breach or failure to observe the provisions of the sub-contract by the Nominated Sub-contractors or Suppliers under the sub-contract.

61.3 Any amount paid to the Contractor in accordance with this clause shall be deemed to be a payment to the Nominated and/or Sub-Contractors or Suppliers under the sub-contract.

**62.0 NO LIABILITY OF GOVERNMENT TO NOMINATED AND/OR SUB-CONTRACTOR OR SUPPLIER**

Nothing in clauses 60 or 61 or anything else contained in this Contract shall render the Government in any way liable to any Nominated and/or Sub-Contractor or Supplier.

**63.0 RESPONSIBILITIES OF CONTRACTOR TO NOMINATED AND/OR SUB-CONTRACTORS OR SUPPLIERS**

63.1 The Contractor shall be fully responsible to ensure that the Nominated Sub-Contractor or Suppliers shall conform with the terms and conditions of this Contract and shall be fully responsible for the acts, defaults or breach of any terms and/or conditions of this Contract by the Nominated Sub-Contractors or Suppliers on their part in the same way as for his own or those of other sub-contractors or suppliers engaged by himself. The Government shall in no circumstances be liable to the Contractor for the default of any Nominated Sub-Contractors or Suppliers.

63.2 In the event of repudiation or abandonment of his sub-contract by any Nominated Sub-contractor or Supplier, or the determination by the Contractor of the employment of the Nominated Sub-contractor or Supplier for any reason whatsoever under the sub-contract, the Contractor shall do one of the following :

- (a) with the consent of the S.O. (such consent not to be unreasonably withheld) employ another competent sub-contractor or supplier to complete the sub-contract; or
- (b) undertake to complete the sub-contract himself.

PROVIDED THAT in any of such events the Contractor is entitled to be paid the same sum for the work or services to be executed, or materials or goods to be supplied, as would have been payable had the original Nominated Sub-contractor or Supplier completed the sub-contract without any default on its part.

**64.0 INTELLECTUAL PROPERTY RIGHTS**

64.1 The Copyright and all other proprietary rights whatsoever in the Works and other material developed and supplied by the Contractor pursuant to or under this Contract shall vest in and shall be the sole property of the Government and the Contractor shall not during or at any time after completion of the Works or after the expiry or termination of this Contract, in any way, question or dispute the ownership of the Government. The proprietary rights in the Works shall vest in the Government free and clear of all liens, claims and encumbrances on the Works.

64.2 The Contractor shall be responsible for any claim that the equipment supplied infringes a patent, copyright or registered design.

64.3 If the Government's use or possession of the equipment is likely to constitute an infringement, then the Contractor shall promptly and at its own expenses procure for the Government the right to continue using and possessing the equipment; or modify or replace the equipment so as to avoid the infringement (in which event the Contractor shall compensate the Government for the amount of any direct loss or damage sustained or incurred by the Government during such modification or replacement).

64.4 The Contractor shall indemnify the Government against any claim for the infringement of any letters patent, copyright or registered designs by the use of any equipment or of information supplied under this Contract and against all costs and damages which the Government may incur in any action for which such infringements or for which the Government may become liable in any such action.

**65.0 ANTIQUITIES**

65.1 All fossils, coins, antiquities and other objects of interest or value which may be found on the Site or in excavating the same during the progress of the Works shall become absolute property of the Government and upon discovery of such an object the Contractor shall forthwith-

- (a) not to disturb the object and shall cease work if and in so far as the continuance of the work would endanger the object or prevent or impede its excavation or its removal;
- (b) take all steps which may be necessary to preserve the object in the exact position and condition in which it was found; and
- (c) inform the S.O. of the discovery and precise location of the object.

65.2 The S.O. shall issue instructions in regard to what is to be done concerning the object reported by the Contractor under clause 65.1 and (without prejudice to the generality of his power) such instructions may require the Contractor to permit the examination, excavation or removal of the object by a third party. Any such third party shall for the purpose of clause 15 be deemed to be a person for whom the Government is responsible and not to be a sub-contractor.

65.3 If compliance with the provisions of clause 65.1 or with an instruction issued under clause 65.2 has involved the Contractor in direct loss and/or expense for which he would not be reimbursed by a payment made under any other provisions of this Contract then the amount of such loss and/or expense shall be added to the Contract Sum.

#### 66.0 ARBITRATION

66.1 If any dispute or difference shall arise between the Government and the Contractor out of or in connection with the contract, then parties shall refer such matter, dispute or difference to the officer named in Appendix for a decision.

66.2 The officer named in Appendix's decision shall be in writing and shall subject to clause 66.4 hereof, be binding on the Parties until the completion of the Works and shall forthwith be given effect to by the Contractor who shall proceed with the Works with all due diligence whether or not notice of dissatisfaction is given by him.

66.3 If the Parties –

- (a) fails to receive a decision from the officer named in the Appendix within forty-five (45) days after being requested to do so; or
- (b) is dissatisfied with any decision of the officer named in the Appendix,

then such dispute or difference shall be referred to arbitration within forty-five (45) days to an arbitrator to be agreed between the Parties and failing such agreement, to be appointed by the Director of the Regional Centre for arbitration in Kuala Lumpur on the application of either Party hereto. Such arbitration shall be heard at the Kuala Lumpur Regional Centre for Arbitration and shall be conducted in accordance with the rules for arbitration of the Kuala Lumpur Regional Centre for Arbitration using the facilities and the system available at the Centre.

66.4 Such reference, except on any difference or dispute under clause 51 hereof shall not be commenced until after the completion or alleged completion of the Works or determination or alleged determination of the Contractor's employment under this Contract, or abandonment of the Works, unless with the written consent of the Government and the Contractor.

66.5 In the event that such consent has been obtained in accordance with clause 66.4, the reference of any matter, dispute or difference to arbitration pursuant to this clause and/or the continuance of any arbitration proceedings consequent thereto shall in no way operate as a waiver of the obligations of the parties to perform their respective obligations under this Contract.

66.6 In any arbitration proceedings conducted pursuant to clause 66.3, the Parties may make any counter claim in relation to any dispute or difference arising from the Contract.

- 66.7 Upon every or any such reference the costs of such incidental to the reference and award shall be in the discretion of the Arbitrator who may determine the amount thereof, or direct the amount to be taxed as between solicitor and client or as between party and party, and shall direct by whom and to whom and in what manner the same be borne, award and paid.
- 66.8 The award of the Arbitrator shall be final and binding on the Parties.
- 66.9 In the event of the death of the arbitrator or his unwillingness or inability to act, then the Government and the Contractor upon agreement shall appoint another person to act as the arbitrator, and in the event the Government and the Contractor fail to agree on the appointment of an arbitrator, an arbitrator shall be appointed by the Director of the Regional Centre for Arbitration in Kuala Lumpur.
- 66.10 In this clause, "reference" shall be deemed to be reference to arbitration within the meaning of the Arbitration Act 2005.
- 66.11 The arbitration shall be governed by the Arbitration Act 2005 and the laws of Malaysia.

## 67.0 NOTICE, ETC.

- 67.1 Any notice, approval, consent, request or other communication required or permitted to be given or made under this Contract shall be in writing in Bahasa Malaysia or English language.
- 67.2 Such notices shall be effected by:
- (i) hand delivery or courier and an acknowledgement of receipt obtained;
  - (ii) leaving the notice at the registered office or site office of the Contractor in which case it shall be deemed to have been duly delivered; or
  - (iii) registered post in which case it shall be deemed to have been received seven (7) days after the date of posting.
- 67.3 The address of the Government and the Contractor is as shown below or such other address as either party may have notified the sender:

to the Government:

Address: MAJLIS PERBANDARAN KAJANG  
MENARA MPKj  
JALAN CEMPAKA PUTIH  
OFF JALAN SEMENYIH  
43000 KAJANG, SELANGOR DARUL EHSAN

to the Contractor:

Address:

- 67.4 It shall be the duty of the parties to notify the other if there is a change of address or entity by giving a written notice within fourteen (14) days. In the event of the Contractor failing to notify the S.O. of such an address or any change in his address, such written notices and instructions shall be deemed to have been served upon the Contractor if they are sent in the manner stated above to the address stated in this Contract or to the Contractor's site office.

**68.0 SAFETY AT THE SITE**

**68.1 Compliance with Safety Requirements**

The Contractor shall comply with all relevant laws, regulations, rules, by-laws, directive or order by the relevant authorities on the requirements of safety-at-work ("Safety Requirements") and shall ensure his personnel, workmen and sub-contractors at all times during the execution of Works comply with such Safety Requirements.

**68.2 Submission of Safety Programme**

(a) Within 14 days from the receipt of the Letter of Acceptance by the Government, the Contractor shall submit to the S.O a safety programme to ensure that all construction activities required for the execution of the Works are carried out in a safe manner and in compliance with Safety Requirements.

(b) The safety programme shall be subject to the approval of the S.O. The submission to and approval by the S.O of the safety programme shall not relieve the Contractor of any of his obligations and liabilities pertaining to the safety requirement under the Contract.

**68.3 Safety Officer and Personnel**

a) The Contractor shall appoint a suitably qualified and experienced person as safety officer who shall be responsible for compliance with Safety Requirements and all safety matters relating to the Works. The Contractor shall, from time to time, provide such other personnel and resources as may be required to ensure the effective implementation of the safety programme on Site.

b) The Contractor shall conduct training programmes for all workmen including workmen of his sub-contractors for compliance with the Safety Requirements.

**68.4 Safety Measures**

(a) The Contractor shall ensure that the constructional plant together with all other tools and equipment and other items used in the execution of the Works are in a safe, sound and good condition and capable of performing the functions for which they are intended.

(b) The Contractor is responsible for instituting a safe method of construction on Site for all the workers and shall ensure that his sub-contractors whether nominated or otherwise institute the same method of construction for their workers.

(c) Without limiting his liability under the Contract, the Contractor shall provide all workmen on Site with the necessary safety equipment including but not limited to safety boots, safety helmets and protective clothing.

**69.0 ADVANCE PAYMENT**

69.1 The Contractor shall be entitled to an advance payment on the Contract amounting to 25% of the value of the Contract Sum less Provisional Sums (hereinafter referred to as the "Builder's Work") but subject to a maximum of RM10 million on compliance with the following conditions:



- (a) on return of the Letter of Acceptance duly signed by the Contractor together with the Performance Bond (if any), insurance policies, confirmation from SOCSO Authorities and the receipts for all premium paid;
- (b) production of a Banker's/Insurance/Finance Company Guarantee in the approved format equal in value to the advance proposed to be paid;
- (c) Submission of the Banker's Guarantee / Insurance Guarantee / Financial Company Guarantee not later than 3 months from the date of possession of Site.

69.2 The advance payment shall be recouped when the cumulative total value of the Builder's Work executed and certified (including the amount certified for materials on site) reaches (25%) twenty five percent of the total contract value of Builder's Work, by way of a fixed percentage deduction from the total certified value of the Builder's Work executed (including the amount certified for materials on site) during the period covered by an Interim Payment Certificate, in all the subsequent Interim Payment Certificates on the basis that the advance payment made shall be fully recovered in the Interim Payment Certificate in which the cumulative total certified value of the Builder's Work executed (including the amount certified for materials on site) reaches seventy-five (75) percent of the total contract value of the Builder's work\*. The deduction shall be calculated as follows:

$$\$ D = 200 \frac{A}{B} \text{ percent of } \$ P$$

Where \$ D = cumulative deduction to be made in Interim Payment Certificate,

\$ A = total amount of advance paid,

\$ B = total contract value of Builder's Work

\$ P = gross certified value of Builder's Work executed (including the amount certified for materials on site) or agreed cumulative scheduled payments in excess of 25% of \$ B

69.3 The liability under the advance guarantee shall be terminated upon realization by the Government of the full sum of advance paid. However if the full sum of the advance paid cannot be realized before the completion date of the contract or any authorised extension thereof or the case of the contract been determined before the date of the determination, then the balance of the advance repayable to the Government shall be recovered from the advance guarantee.

#### 70.0 AMENDMENT

No modification, amendment or waiver of any of the provisions of this Contract shall be effective unless made by mutual consent and made in writing by way of supplementary agreement specifically referring to this Contract and duly signed by the Parties. The provisions in respect of such amendment, variation or modification thereof shall be supplemental to and be read as integral part of this Contract which shall remain in full force and effect as between both Parties.

#### 71.0 CONFIDENTIALITY

71.1 This Contract and all such drawings, records, data, books, reports and all matters pertaining hereto shall be considered as confidential matter and shall not be disclosed to any third party without prior written mutual agreement, save and except where-

- (a) disclosure of such information is necessary for the purposes of raising finance to undertake the obligations of the Contractor under this Contract;
- (b) disclosure of such information is made to the Contractor's consultants, auditors or advisers;
- (c) disclosure of such information is required by law or by any government agency or for the performance of any obligations under this Contract; or
- (d) the information has entered public domain.

71.2 Where information has been disclosed to third parties pursuant to clause 69.1, the Contractor undertakes to ensure that such third parties shall not disclose the information to any other third party.

71.3 The restrictions contained in this clause shall survive the termination of this Contract and shall continue to bind both Parties without limit in point of time.

#### 72.0 STAMP DUTY

The Contractor shall solely bear the stamp duties, legal costs and fees in the preparation and execution of this Contract and anything incidental thereto.

#### 73.0 SEVERABILITY

If any provision of this Contract is held to be illegal or is invalid under any laws or regulations effective and applicable during the term of this Contract such provision shall be fully severable and this Contract shall be construed as if such illegal or invalid provision had never comprised as part of this Contract and the remaining provisions of this Contract shall remain in full force and effect and shall not be affected by the illegal or invalid provision or by its severance from this Contract.

#### 74.0 WAIVER

Failure by any Party to enforce at any time, any provision of this Contract shall not be construed as a waiver of its right to enforce the breach of such provision or any other provision in this Contract or as a waiver of any continuing, succeeding or subsequent breach of any provision or other provision of this Contract.

#### 75.0 LAWS APPLICABLE

This Contract shall be governed by and construed in accordance with the laws of Malaysia and the Parties irrevocably submit to the exclusive jurisdiction of the courts of Malaysia.

#### 76.0 SUCCESSORS BOUND

This Contract shall be binding upon the respective successors-in-title of the Parties.

**77.0 EPIDEMICS AND MEDICAL ATTENDANCE**

77.1 The Contractor shall maintain the Site in clean and sanitary condition and shall comply with all requirements of the Government Health and Sanitary Authorities. In the event of any outbreak of illness of an epidemic nature, the Contractor shall comply with and carry out such regulations, orders and requirements as may be made by the Government or the local medical or health authorities for the purpose of dealing with and overcoming the same.

77.2 The Contractor shall ensure that sufficient first aid kits are made available at suitable locations on the Site.

**78.0 TECHNOLOGY TRANSFER**

If the Contractor appoints foreign professionals, the Contractor shall endeavour to ensure that the employees of the Government are trained or exposed to the expertise of such foreign professionals pursuant to a programme for technology transfer.

**79.0 GENERAL DUTIES AND PERFORMANCE STANDARD**

**78.1 Industry Practice**

The Contractor shall provide and perform the Works in a proper manner in accordance with good management and best industry practice and to the best advantage of the Government and shall comply with all law, statutes and any guidelines or direction issued by the Government to the contractor from time to time.

**79.2 Competency**

The Contractor shall provide and perform its obligations under this Contract and take all appropriate measures expected of a competent company using due care and skills of a professional person providing similar service or works to ensure that the Works comply with the terms and conditions of this Contract.

**79.3 Government's Interest**

The Contractor shall at all times perform the Works in such manner as will always safeguard and protect the Government's interest and take all necessary and protect the Government's interest take all necessary and proper steps to prevent abuse and in accordance with the provisions of this Contract.

**80.0 RESTRICTION AND PROCEDURE ON USE OF IMPORTED MATERIALS AND GOODS**

80.1 The Contractor shall use local goods/materials as listed in the 'Senarai Bahan/Barangan Buatan Tempatan' issued by IKRAM QA Services Sdn. Bhd. and/or issued by SIRIM QA Services Sdn. Bhd., whichever is relevant. If the Contractor fails to comply with this requirement, the Government may reject the goods/materials which are found to be not in compliance with this requirement.

80.2 For local goods/materials not listed as aforesaid, such goods/materials may be allowed if prior testing and certification from IKRAM QA Services Sdn. Bhd. or SIRIM QA Services Sdn. Bhd., whichever is relevant, has been obtained. Where such testing cannot be carried out by IKRAM

QA Services Sdn. Bhd. or SIRIM QA Services Sdn. Bhd. the Contractor may, with the S.O.'s prior approval, have the testing to be done by another agency.

80.3 Under no circumstances shall the Contractor be permitted to incorporate or supply imported materials, plant, equipment, vehicles or other goods into the Works or forming part of the scope of the Works except those approved by the Government; prior to the execution of the Contract. The Contractor shall at his own cost entirely substitute any materials, plant, equipment, vehicles or other goods proposed to be imported but not approved by the Government, with suitable local materials, plant, equipment, vehicles or other goods, including making any necessary subsequential changes or adjustment to the design of the Works to accommodate such substitution, all to the concurrence of the S.O..

80.4 The Contractor shall ensure that the procurement of approved imported materials, plant, equipment, vehicles or other goods are obtained directly from the country of origin based on F.O.B. or other similar basis. The transportation and insurance of such imported materials, plant, equipment, vehicles or other goods from the country of origin to the Site shall be arranged by the Contractor through the Government's Multi Modal Transport Operators (hereinafter referred to as MTO) as listed in Appendix. The Contractor shall allow in his tender all costs and time required in complying with the requirements of this Clause including the cost required for the services provided by the MTO.

80.5 The Contractor shall submit documentary evidence of compliance with this clause to the S.O. within one (1) month from the date of each delivery to the Site of such materials, plant, equipment, vehicles or other goods.

#### 81.0 TIME

Time whenever mentioned shall be of the essence of this Agreement.

IN WITNESS WHEREOF the Parties hereto have executed this Agreement on the day and year first above written.

SIGNED for and on behalf of  
MAJLIS PERBANDARAN KAJANG

)  
)  
)  
)

.....

In the presence of:

)  
)

.....

The Common Seal of

)  
)  
)  
)

(Co. No.: )

Was hereunto affixed  
In the presence of:

)  
)

.....  
Director

.....  
Director/Secretary

Name:

Name:

NRIC No.:

NRIC No.:

**APPENDIX TO THE CONDITION  
OF CONTRACT**

DOKUMEN MEJA TERKAWAL

APPENDIX TO THE CONDITIONS OF CONTRACT

Clause

4.1(a) Officer(s) empowered to approve variations according to the limits as set out in Treasury's Instructions No.202 as amended.

Financial Limits	Officer
a) Original Contract sum not exceeding RM10 mil. And accumulative V.O. amount not exceeding 10% of the contract sum OR original contract sum exceeding RM10 mil. And V.O. amount not exceeding RM 1 mil.	A committee chaired by Yang Dipertua MPKj
b) Original Contract sum not exceeding RM20 mil. And accumulative V.O. amount not exceeding 20% of the contract sum OR original contract sum exceeding RM20 mil. And V.O. amount not exceeding RM 1 mil.	'Lembaga Perolehan Agensi'
c) All other cases.	'Ketua Setiausaha Perbendaharan' or Financial officer of applicable state

4.1(b) Officer(s) empowered to take Action on behalf of the Government in respect of :

Clauses 51,52,53, 58 and 66..... Yang Dipertua MPKj

13 Performance Bond

Amount of Guarantee ... .. RM 5% of Contract Sum

Guarantor Bank/Insurance Company/  
Finance Company ... ..

Guarantee No. ....

15 Minimum insurance cover for any one accident or series of accidents arising out of one event.. ...

RM.....

Policy No. To be submitted by the Contractor

Period of insurance Contract Period + DLP Period + 14 Days + 3 Month

15.1 (b) Amount of excess ... ..

RM To be borne by the Contractor

## APPENDIX TO THE CONDITIONS OF CONTRACT - (Cont'd)

Clause		
17	SOCSSO Scheme registration number.. . . . .	<u>To be submitted by the Contractor</u>
18	Amount to be added to full value of Contract Sum as the insured sum ... . . . .	RM <u>Not Applicable</u>
	Total Amount Insured ... . . . .	RM.....
		Policy No.....
		Period of insurance .....
18 (b)	Amount of excess ... . . . .	RM <u>Nil</u>
21.2	Date of Tender ... . . . .	.....
28.1	Value of work to be executed including materials and goods to be delivered before First Interim Certificate will be issued ... . . . .	<b>Min RM1,000.00</b> .....
28.2	Value of work to be executed including materials and goods to be delivered before each subsequent Interim Certificate will be issued ... . . . .	<b>Min RM1,000.00</b> .....
28.6	Period for honouring payment certificate (if none stated, then within thirty (30) days of the issue of the Certificate) ... . . . .	<u>Thirty (30) days</u>
34.4	Work covered by P.C. Sums for which the Contractor will be permitted to tender ... . . . .	.....
38.2	'Date for Possession' of the Site ... . . . .	<u>As stipulated in Letter of Acceptance</u>
39.1	'Date for Completion' for whole of the Works ... . . . .	<u>As stipulated in Letter of Acceptance</u>
40.2	Liquidated and Ascertained Damages at the rate of ... . . . .	RM <u>(0.0189% of Contract Sum) per Day</u>



APPENDIX TO THE CONDITIONS OF CONTRACT - (Cont'd)

Clause

41.1 Sectional Completion:

Identification of Sections or parts	Date for Possession [ Clause 38.3 ]	Date for Completion	Liquidated & Ascertained Damages
----- Not Applicable -----			

48.1(a) Defects Liability Period (if none stated, then the period is twelve (12) months) ... .. Twelve (12) months

5.3, 5.4, 15.3  
17.3(b), 18.2, Percentage of on-cost charges ... .. 5%

48.2  
56.2(d) Percentage of on-cost charges ... .. 10%

**ADDENDA NO.1, 2 & 3 TERHADAP  
SYARAT-SYARAT KONTRAK**

This Addendum No.1, 2 & 3 to the Conditions of Contract PWD 203/203A (Rev. 1/2010) consisting of 6 pages (including this page) which are and shall be read and construed as part of the said Contract.

.....  
Signature of Contractor  
  
(Name in full.....)  
  
I.C No.....  
  
In the capacity of .....

.....  
Signature of Officer  
  
(Name in full.....)  
  
I.C No.....

Duly authorized to sign on behalf of

.....  
Contractor's Chop or Seal  
  
Witness.....  
  
Name in full.....  
  
I.C No.....  
  
Occupation.....  
  
Adress.....  
.....

.....  
Official Chop  
  
Witness.....  
  
Name in full.....  
  
I.C No.....  
  
Designation.....  
  
Adress.....  
.....

ADDENDUM NO. 1 TO THE CONDITIONS OF CONTRACT  
PWD 203/203A (Rev. 1/2010)

NO.	AMENDMENTS
-----	------------

1. Page 20, Clause 28

Substitute the whole of Clause 28.0 with the new Clause 28.0 as follows:

- 28.1 Subject to compliance with the terms and conditions under this Contract, The Contractor shall be entitled for Interim Payment certified by the S.O.'s monthly evaluation (or more often at the discretion of the S.O.). Provided always that the Contractor shall submit to the S.O., at such times and in such form as the S.O. may prescribe, written application for Interim Payments showing the amounts which in the Contractor's opinion are due under the Contract Payments. The submission shall include the following:
- (a) the value of Works done and properly executed and valued in accordance with these terms of Contract;
  - (b) the amount of any valuation of variations or of the instructions by the S.O. (clause 25);
  - (c) the amount in regard to the expenditure of Provisional Sums and Prime Cost Sums executed or expended (clause 34);
  - (d) the value of any goods or unfixed materials delivered to or adjacent to the Site intended for use or to be incorporated into the Works;
  - (e) the value of fluctuation of price pursuant to clause 30; and
  - (f) all relevant documents including site measurement, working diagrams, delivery orders, relevant invoices, as-built drawings, shop drawings relevant tests and environmental impact assessment of the Works or other relevant documents as the S.O. may require, to substantiate the Contractor's written application for interim payments.
- 28.2 The S.O. shall within fourteen (14) days from the date of receipt of the application for Interim Payments, inspect and verify the Works, and make a valuation of the same and issue an Interim Payment Certificate stating the amount due to the Contractor from the Government PROVIDED THAT the total value in each monthly valuation shall not be less than the sum referred to in Appendix 1.
- 28.3 If the Contractor fails to submit full particulars of written application for Interim Payment as stipulated in clause 28.1, the S.O. shall make the valuation of works based on the available documents to him for the purpose of the Interim Payment Certificate. The Government shall be discharged from all liabilities in connection with the Interim Payments.
- 28.4 The amount stated as due in an Interim Payment Certificate shall be the estimated total value of the Works done and properly executed and up to ninety (90) percent of the value of any goods or unfixed materials delivered to or adjacent to the Site intended for use or to be incorporated into the Works up to and including the date the valuation was made, less any payments (including Advance Payment) previously paid under this Contract. PROVIDED THAT such Certificate shall only include the value of

the said goods or unfixed materials as and from such time as they are reasonably and properly and not prematurely delivered to or adjacent to the Site and adequately protected against weather, damage or deterioration.

28.5 Within a number of days as stated in Appendix (or if none stated then within thirty (30) days of the issue of any such Interim Certificate), the Government shall make a payment to the Contractor as follows:

(a) where the Performance Bond is in the form of a Banker's, Insurance or Finance Company Guarantee, payment shall be made on the amount certified as due to the Contractor in the said Interim Certificate; or

(b) where the Performance Bond is in the form of a Performance Guarantee Sum, payment of ninety percent (90%) on the amount certified as due to the Contractor shall be made with the remaining ten percent (10%) being retained by the Government as a Performance Guarantee Sum. PROVIDED THAT when the sum retained is equivalent to five percent (5%) of the Contract Sum then in any subsequent Certificate, payment shall be made on the full amount certified as due to the Contractor.

28.6 If the Contractor fails to submit full particulars of written application for Interim Payment as stipulated in clause 28.1, the S.O. shall make the valuation of works based on the available documents to him for the purpose of the Interim Payment Certificate. The Government shall be discharged from all liabilities in connection with the Interim Payments.

## 2. Page 21, Clause 31

Substitute the whole of Clause 31.0 with the new Clause 31.0 as follows:

31.1 As soon as is practicable but not later than three (3) months after the issuance of the Certificate of Practical Completion, the Contractor shall submit full particulars complete with receipts, vouchers records that would substantiate the Contractor's claim under clause 44 together with any documents, supporting vouchers and any explanation and calculations including documents relating to the accounts of Nominated Sub-Contractors or Nominated Suppliers, which may be necessary to enable the Final Account to be prepared by the S.O. PROVIDED ALWAYS the Contractor had given the notice of claim in writing within the stipulated time or times in the said provisions.

31.2 Within three (3) months after issuance of the Certificate of Completion of Making Good Defects, the Contractor shall submit to the S.O. a statement of the final account showing in detail the value in accordance with the Contract, of the Works carried out together with all further sums which the Contractor considers to be due to him after giving credit to the Government for all amounts previously paid by the Government and for all sums to which the Government is entitled under the Contract up to the date of the Certificate of Completion of Making Good Defects or the Certificate of Completion of Maintenance, as the case may be. The Final Account shall be supported by all documentation substantiating the value of the same.

31.3 If the Contractor fails to submit full particulars of all claims within the stipulated period, the

S.O. shall forthwith make the assessment based on the available documents submitted by the Contractor for the purpose of the Final Account. The Government shall be discharged from all liabilities in connection with the claims.

- 31.4 Within three (3) months after the expiry of the Defects Liability Period for the whole of the Works or three (3) months after the Issue of the Certificate of Completion of Making Good Defects under clause 48 hereof, whichever is the later, the S.O. shall issue the Final Certificate.
- 31.5 The Final Certificate shall be supported by documents, and full particulars complete with receipts, vouchers records showing the S.O.'s final valuation of Works and any amount determined in clause 31.1 in accordance with the terms of this Contract. After setting out or allowing for all payments or other expenditure of the Government or any permitted deductions made by the Government or the S.O. on its behalf, the Final Certificate shall state any final balance due from the Government to the Contractor or from the Contractor to the Government, as the case may be, which shall thereupon become the debt payable. Such certificate shall also take account of any outstanding permitted deductions not yet made by the Government under the terms of this Contract whether by way of liquidated damages or otherwise.
- 31.6 No final payment due to the Contractor under the Final Certificate, shall be made unless and until the Contractor shall have satisfied the S.O. by means of a Statutory Declaration made by or on behalf of the Contractor to the effect that the workmen who have been employed by the Contractor on the Works including workmen employed by sub-contractors, whether nominated or otherwise (including "labour only" sub-contractors) have received all wages due to them in connection with such employment, and that all dues or contributions under the Employment Act 1955, the Employee's Social Security Act 1969, the Employee's Provident Fund Act 1965 and any other laws relevant to the employment of workmen, have been paid.

### 3. Page 27, Clause 40

#### 3.1 Substitute clause 40.1 with the new clause 40.1 as follows:

- 40.1 If the Contractor fails to complete the Works by the Date for Completion or within an extended time granted pursuant to clause 43, the S.O. shall issue a Certificate of Non-Completion to the Contractor.

#### 3.2 Substitute clause 40.2 with the new clause 40.2 as follows:

- 40.2 Without prejudice to the Government's right to terminate this Contract, when the S.O. issues the Certificate of Non-Completion, the Government shall be entitled to recover from the Contractor, Liquidated and Ascertained Damages calculated at the rate stated in Appendix 1 from the date of the failure to complete the work pursuant to clause 40.1 to the date of the Practical Completion or the date of termination of this Contract. The S.O. may deduct such Liquidated and Ascertained Damages from any money due or to become due to the Contractor, failing which such damages shall be recovered from the Performance Bond or as a debt due from the Contractor. The S.O. shall inform the Contractor in writing of such deduction.

ADDENDUM NO. 2 TO THE CONDITIONS OF CONTRACT  
PWD FORM 203/203A (Rev. 1/2010)

NO.	AMENDMENTS
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1. Page 2, Clause 1.1(ea)

Insert Clause 1.1(ea) after Clause 1.1(e) "Contract Sum" as follows:

(ea) "Tender Price" means the price offered by the Contractor as stipulated in the Letter of Acceptance of Tender;

2. Page 45, Clause 69.1 (PWD203A) / Page 46, Clause 69.1 (PWD203)

Substitute Clause 69.1 with the new Clause 69.1 as follows:

69.1

The Contractor shall be entitled to an advance payment on the Contract amounting to 25% of the Tender Price less the aggregate amount of Prime Cost Sums and Provisional Sums including the value of tax imposed under the Goods and Services Tax 2014 (hereinafter referred to as the "Builder's Work") but subject to a maximum of RM10 million on compliance with the following conditions:

- (a) on return of the Letter of Acceptance duly signed by the Contractor together with the Performance Bond (if any), insurance policies, confirmation from SOCSO Authorities and the receipts for all premium paid;
- (b) production of a Banker's/Insurance/Finance Company Guarantee in the approved format equal in value to the advance proposed to be paid;
- (c) submission of the Banker's Guarantee / Insurance Guarantee / Financial Company Guarantee not later than 3 months from the date of possession of Site.

ADDENDUM NO.3 TO THE CONDITIONS OF CONTRACT

P.W.D. FORM 203 / 203A (Rev. 1/2010)

NO.	AMENDMENTS
-----	------------

1. Page 10, Clause 13

**13.0 PERFORMANCE BOND / PERFORMANCE GUARANTEE SUM**

1.1 Substitute the Clause 13.1(a) with the new Clause 13.1 (a) as follows:

13.1 (a) The Contractor shall, on the date of the possession of Site, provide a Performance Bond or Performance Guarantee Sum as the case may be substantially in the form as in Appendix issued by an approved licensed bank or financial institution incorporated in Malaysia in favour of the Government for a sum equivalent to five percent (5%) of the total Contract Sum as specified in Appendix to secure the due performance of the obligations under this Contract by the Contractor. The Performance Bond shall remain valid and effective until ~~\*twelve (12) / twenty four (24) months~~ after the expiry of the Defect Liability Period or the issuance of the Certificate of Completion of Making Good Defects, whichever is the later.

1.2 Substitute the Clause 13.2 with the new Clause 13.2 as follows:

13.2 The Contractor may opt for a Performance Bond in the form of Performance Guarantee Sum in lieu of the Bank, Insurance or Finance Company Guarantee as specified in clause 13.1 hereof whereby deductions of ten percent (10%) shall be made from the first interim payments and subsequent interim payment until the total amount deducted aggregate to a sum equivalent to five percent (5%) of the Contract Sum. The amount deducted shall be retained by the Government up to ~~\*twelve (12) / twenty four (24) months~~ after the expiry of the Defect Liability Period or the issuance of the Certificate of Completion of Making Good Defects, whichever is the later.

*\*Delete whichever is not applicable :-*

*Contract sum up to RM10 million : twelve (12) months,*

*Contract sum more than RM10 million : twenty four (24) month*



**SYARAT-SYARAT KHAS TERHADAP  
KONTRAK**

DOKUMEN MEJA TERKAWAL

## SPECIAL PROVISIONS TO THE CONDITIONS OF CONTRACT ON-SITE TRAINING PROGRAMME

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1. The Contractor shall provide on the job training at his work site based on the on-site training programme under the Manpower Department (hereinafter referred to as the "On-site Training Programme") for a minimum of five trainees who will be made available by the Manpower Department for a period of not less than 3 months. The On-site Training Programme shall be enforced and supervised by the Manpower Department.
2. The Contractor shall be efficiently train the trainees in concreting, bricklaying (including masonry works) carpentry tile fixing and such other trades which the Manpower Department may required.
3.
  - a) Upon the receipt of the letter of Acceptance of tender, the Contractor shall Liaise with the Manpower and recruitment of the trainees.
  - b) In the event of the Manpower Department being unable to furnish the required number or any trainees, the Contractor shall produce to the Superintending Officer a certificate or letter signed by or on behalf of the Director-General of the Director General of the Manpower Department to the effect that there are insufficient or no trainees available for recruitment.
4.
  - a) Upon recruitment the trainees shall be deemed to be workmen employed by the contractor and the Contractor shall pay wages and allowances commensurate to that of apprentice tradesman of the particular trade and provide all other benefits under the Employment Ordinance 1955, Employment (Restriction) Act, 1968, Employee's Provident Fund Ordinance 1951, Workmen's Compensation Legislation, Employee's Social Security Act 1969 and any other laws relating to the employment of workmen.
  - b) The Contractor shall be liable and responsible for the acts and negligence of the trainees. If any trainee misconduct himself the Contractor shall at once inform the Manpower Department.
5. The Contractor shall provide a skilled workmen (or foreman) to assist, guide and train the trainees in each of the respective trade.
6.
  - a) Upon satisfactory completion of the On-site Training Programme in accordance the Special Provisions, the Contractor shall be eligible for the following subsidies and benefits:-
    - i) Double deductions as Income Tax Relief on wages paid to trainees for a maximum period of 3 months.
    - ii) A subsidy of RM35.00 per day for employing a skilled workman (foreman) to assist, guide and train the trainees.
  - b) The Contractor shall submit claims for the above mentioned subsidies and Benefits stated in paragraph 6(a) to a Manpower Department (Ministry of Labour and Manpower), for consideration and payment.

## SPECIAL PROVISIONS TO THE CONDITIONS OF CONTRACT (PWD 203/203A) PERFORMANCE BOND IN THE FORM OF GUARANTEE SUM

1. For the due observance and performance of this contract the Contractor may opt for performance Bond in the form of performance Guarantee Sum in lieu of cash, Treasury's Deposit, Banker's Draft, Banker's or Insurance Guarantee as stipulated under Clause 37 of the Conditions of Contract, if the Contractor opts for Performance Bond in the form of performance Guarantee Sum, the relevant clauses under the Conditions of Contract shall be deemed and agreed to have amended as follows:-

- a) Performance Bond

- (a) Replace clauses 37(a) with the following clauses:-

The Contractor shall allow deductions of ten percent (10%) from interim payments until the total amount deducted aggregate to a sum equivalent to five percent (5%) of the original Contract Sum for the due observance and performance of this contract.

- (ii) Delete clause 37(b)

- b) Possession Of Site

- (i) Replace clause 38(a) with the following clause:-

No work on this Contract shall be commenced unless and until such insurance policies as specified under Clauses 33,34, and 36 hereof, shall have been deposited with the Government or the S.O. provided that for the purposes if this Condition only (but for no other), if the Contractor shall produce to the Government or the S.O. the Cover Notes of the said insurance policies and the receipts of premium paid, it shall be a sufficient discharge of his obligations under this Condition.

- c) Partial Occupation by Government

- (b) Replace sub-clause 42(f) with the following :-

It is expressly agreed that nothing contained the preceeding paragraphs shall entitle the Contractor to the release of the Performance Bond or any part thereof the Indention being that the said Performance Bond or any part thereof shall be released of refunded only upon the completion of making good all defects, imperfections, shrinkages or other faults which may appear during the Defect Liability Period and upon the giving of the Certificates of Completion of Making Period and upon the giving of the Certificates of Making Good Defects for the whole of the Works under Clause 45 hereof.

**SPECIAL PROVISIONS TO THE CONDITIONS OF CONTRACT (PWD 203/203A) PERFORMANCE BOND IN THE FORM OF GUARANTEE SUM (Cont'd)**

d) Payment to Contractor and Interim Certificate

(ii) Replace sub-clause 47(b) with the following:-

Which fourteen (14) days from the date of any such valuation being made and subject to the provision mentioned in subclause (a) above, he S.O shall issue an Interim Certificate stating amount due to the Contractor from the Government. Provide that the signing of this Contract shall not be a condition precedent for the issue of the first Interim Certificate (and other) so long as the Contractor has returned the Letter of Acceptance of Tender duly signed and has deposited with the S.O or the Government the relevant insurance policies under Clauses 33,34 and 36 hereof.

(iii) Sub-clause 47(d)

Item No.20 in Addendum No.2 to the Conditions of Contract PWD 203/203A\* Rev.10/83 is to be replaced with new item 20 as follows:-

20. Substitute the whole of the Clause 47(d) with the new Clause 47(d) as follows:-

With a number of days as stated in the Appendix to these Conditions (or if none so stated then within thirty (30) days) of the issue of any such Interim Certificate as aforesaid the Government shall make a payment to the Contractor with the remaining ten percent (10%) being retained as a Performance Guarantee Sum. Provided that when the sum retained amount in the aggregate to a sum equivalent to five percent (5%) of the original Contract Sum then in any subsequent certificate, payment shall be made on the full amount certified as due to the Contractor.

**RINGKASAN TAWARAN**

DOKUMEN MEJA TERKAWAL

MAJLIS PERBANDARAN KAJANG

RINGKASAN TAWARAN

Peruntukan bagi pembekalan segala pekerja-pekerja, bahan-bahan, peralatan, loji-loji dan segala keperluan lain untuk:

**KERJA-KERJA MENURAP SEMULA JALAN DI SEBAHAGIAN JALAN PERSIARAN MAHKOTA 1 DAN PERSIARAN MAHKOTA 2, BANDAR BUKIT MAHKOTA, DAERAH HULU LANGAT SERTA KERJA-KERJA YANG BERKAITAN DENGANNYA**

No Kontrak : MPKj T 5/2021 untuk kerja tersebut di atas.

Dimasukkan pada \_\_\_\_\_haribulan\_\_\_\_\_tahun \_\_\_\_\_ oleh pihak-pihak yang bertandatangan dibawah merujuk kepada Ringkasan Tawaran ini menjadi sebahagian daripada kontrak tersebut dan hendaklah ia dibaca dan diertikan sedemikian.

Contract No : \_\_\_\_\_ for the abovementioned works.

Entered into on the \_\_\_\_\_ by the undersigned parties refers to this Summary of Tender which is and shall be read and construed as part of the Contract.

\_\_\_\_\_  
(Tandatangan Kontraktor )

\_\_\_\_\_  
(Tandatangan Pegawai)

Nama Penuh : \_\_\_\_\_

Nama Penuh : \_\_\_\_\_

No K.P : \_\_\_\_\_

Nama Jawatan : \_\_\_\_\_

Atas Sifat : \_\_\_\_\_

Untuk dan bagi pihak MPKj

Yang diberikuasa dengan sempurna untuk Menandatangani untuk dan

\_\_\_\_\_  
(Meteri atau Cop Kontraktor)

Saksi : \_\_\_\_\_

Saksi : \_\_\_\_\_

Nama Penuh : \_\_\_\_\_

Nama Penuh : \_\_\_\_\_

Pekerjaan : \_\_\_\_\_

Nama Jawatan : \_\_\_\_\_

Alamat : \_\_\_\_\_

Alamat : \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

**SENARAI KUANTITI**

DOKUMEN MEJA TERKAWAL

MAJLIS PERBANDARAN KAJANG  
43000 KAJANG

Nama Projek : Kerja-Kerja Menurap Semula Jalan Di Sebahagian Jalan Persiaran Mahkota 1 Dan Persiaran Mahkota 2, Bandar Bukit Mahkota, Daerah Hulu Langat Serta Kerja-Kerja Yang Berkaitan Dengannya.

Item	Butiran Kerja	Unit	Kuantiti	Kadar (RM)	Amaun (RM)
	<p><b><u>KEHENDAK PERMULAAN DAN KEPERLUAN DI TAPAK</u></b></p> <p><b><u>NOTA :- LEVI CIDB</u></b></p> <p>Kontraktor hendaklah mematuhi Akta Lembaga Pembangunan Industri Pembinaan Malaysia 1994 dan Perintah Lembaga Pembangunan Industri Pembinaan Malaysia (Pengenaaan Levi) 2016, dan hendaklah mengemukakan pemberitahuan Levi CIDB tidak lewat dari 14 hari selepas pengeluaran Surat Setuju Terima. Adalah menjadi tanggungjawab kontraktor untuk membayar levi yang dikenakan ole Lembaga Pembangunan Industri Pembinaan Malaysia.</p> <p><b><u>NOTA :- BON PELAKSANAAN</u></b></p> <p>Dalam pematuhan dan pelaksanaan kontrak ini, kontraktor hendaklah memilih sama ada Bon Pelaksanaan dalam bentuk Jaminan Bank, Jaminan Syarikat Kewangan atau Jaminan Insurans. Jikalau Bon Pelaksanaan gagal dikemukakan pada tarikh milik tapak, pihak Majlis berhak untuk melaksanakan kaedah Wang Jaminan Pelaksanaan.</p>	-	-	-	-
A	Menyediakan insurans Pampasan Pekerja (Workmen Compensation) dan (Public Liability / Contractor's All Risk).	H.B	-		
B	Kontraktor perlu menyediakan dan mengemukakan laporan kemajuan kerja sebelum, semasa dan selepas kerja-kerja dilaksanakan. Laporan perlu dikemukakan dalam bentuk 'hard copy'.	Set	2		
	<b>JUMLAH</b>				



MAJLIS PERBANDARAN KAJANG  
43000 KAJANG

Nama Projek : Kerja-Kerja Menurap Semula Jalan Di Sebahagian Jalan Persiaran Mahkota 1 Dan Persiaran Mahkota 2, Bandar Bukit Mahkota, Daerah Hulu Langat Serta Kerja-Kerja Yang Berkaitan Dengannya.

Item	Butiran Kerja	Unit	Kuantiti	Kadar (RM)	Amaun (RM)
	<b><u>KEHENDAK PERMULAAN DAN KEPERLUAN DI TAPAK (SAMBUNGAN)</u></b>				
A	Kontraktor perlu membekal dan memasang papan tanda projek berukuran 1.2m x 1.0m seperti di lukisan / pelan di Lampiran A dan Lampiran B.	Bil	2		
	<b><u>MOBALISASI &amp; DEMOBILISASI</u></b>				
B	Mobilisasi semua mesin-mesin, jentera-jentera atau kelengkapan yang digunakan oleh kontraktor untuk menjalankan kerja-kerja penurapan jalan atau kerja-kerja membaiki longkang dan perlu di demobilisasi setelah kerja-kerja selesai ditapak.	H.B	-		
	<b><u>PENGURUSAN TRAFIK</u></b>				
	<b>NOTA :-</b> Semua kerja pengurusan lalulintas hendaklah mengikut Arahan Teknik (Jalan) 2C-85.  Menyediakan dan mengurus semua keperluan serta kelengkapan termasuk pakaian keselamatan bagi memastikan perancangan Pengurusan Trafik untuk kerja ini dipatuhi sepanjang tempoh kerja dijalankan adalah seperti berikut:-				
C	Papan tanda jalan sementara (T1) daripada jenis Retro Reflective Engineering Grade - Lampiran C.	Bil	2		
D	750mm Guidance Safety Cone (T19) - Lampiran E.	Bil	10		
E	Papan tanda pemberitahuan 'AWAS KERJA DI HADAPAN' (T6) daripada jenis Retro Reflective Engineering Grade - Lampiran F.	Bil	2		
	<b>JUMLAH</b>				

MAJLIS PERBANDARAN KAJANG  
43000 KAJANG

Nama Projek : Kerja-Kerja Menurap Semula Jalan Di Sebahagian Jalan Persiaran Mahkota 1 Dan Persiaran Mahkota 2, Bandar Bukit Mahkota, Daerah Hulu Langat Serta Kerja-Kerja Yang Berkaitan Dengannya.

Item	Butiran Kerja	Unit	Kuantiti	Kadar (RM)	Amaun (RM)
	<b><u>PENGURUSAN TRAFIK (SAMBUNGAN)</u></b>				
	<b>NOTA :-</b> Semua kerja pengurusan lalulintas hendaklah mengikut Arahan Teknik (Jalan) 2C-85.				
A	Papan tanda pemberitahuan 'HARAP MAAF KESULITAN AMAT DIKESALI' (T21) daripada jenis Retro Reflective Engineering Grade - Lampiran G.	Bil	2		
B	Lampu Amaran (Warning Lamp) (T20) - Lampiran	Bil	2		
C	Menyediakan sekurang-kurangnya 2 orang pengawal trafik (Flagman) bersama kelengkapan seperti bendera 2 warna atau lampu isyarat untuk mengawal lalulintas di kawasan kerja pembinaan pada setiap masa.	Bil	2		
	<b><u>KERJA-KERJA MILLING TURAPAN LAMA</u></b>				
D	Kerja-kerja mengorek secara 'milling' permukaan turapan jalan lama menggunakan mesin pengisar 'milling', dan mematuhi spesifikasi kerja sehingga kedalaman maksima 50mm, membersihkan dan membuang sisa 'milling' ke lokasi yang dipersetujui oleh Pegawai Penguasa.	M2	53,625		
	<b><u>KERJA PENURAPAN JALAN</u></b>				
E	Kerja-kerja pembersihan tapak terdiri daripada membersihkan kotoran seperti pasir, batu, sampah sarap, 'Scupper Drain menggunakan water jet' dan sebagainya. Kadar termasuk kerja-kerja membuang sampah ke tempat pelupusan MPKj yang dibenarkan mengikut arahan Pegawai Penguasa dengan menggunakan mesin / alatan yang berkaitan dengannya.	H.B	-		
	<b>JUMLAH</b>				

MAJLIS PERBANDARAN KAJANG  
43000 KAJANG

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Item	Butiran Kerja	Unit	Kuantiti	Kadar (RM)	Amaun (RM)
	<b><u>Kerja Hampan Di Tapak Bina</u></b>				
A	Membekal dan menyembur / menyerak satu lapisan tack coat daripada jenis Bituminous Emulsion grade RS-1K pada kadar semburan 0.25-0.55 liter/m <sup>2</sup> sekata dan tidak berbelang-belang menggunakan 'Motorized Coldpave Sprayer' mengikut piawai spesifikasi yang ditetapkan.	M2	53,625		
B	Kerja-kerja menurap permukaan jalan menggunakan 'Automatic Self Levelling Paver Machine' dengan ketebalan 50mm lapisan (Wearing Course) AC 14 serta dimampatkan dengan jentera pemampat penggelek (Tandem Roller 8 tan) dan 'Pneumatic Tyred Roller' > 15 tan. Kadar termasuk kerja-kerja yang berkaitan dengannya.	M2	53,625		
	<b><u>KAWALAN KUALITI KERJA</u></b>				
	Kerja pengambilan sampel secara 'coring' di tapak termasuk menyediakan kawalan trafik, menggunakan mesin khas korekan lubang bagi memenuhi ujian-ujian kawalan kualiti kerja, seperti berikut :-				
C	Ujian Coring dan laporan perlu dijalankan / diperakui oleh pihak IKRAM, termasuk dengan laporan ujian makmal "Marshall Test" dan "Density Test".	Bil	106		
D	Menjalankan kerja-kerja ujian air bertakung dengan menggunakan lori 'tanker' dan diawasi / diarahkan oleh Pegawai Penguasa.	H.B	-		
	<b>JUMLAH</b>				

MAJLIS PERBANDARAN KAJANG  
43000 KAJANG

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Item	Butiran Kerja	Unit	Kuantiti	Kadar (RM)	Amaun (RM)
	<b>KERJA-KERJA MENGECAT GARISAN JALAN</b>				
	Kerja-kerja membekal dan mengecat garisan jalan dengan menggunakan cat dari jenis "Thermoplastic" dengan ketebalan 3mm. Kadar termasuk kerja-kerja yang berkaitan dengannya. Kerja-kerja yang terlibat adalah :				
A	Mengecat garisan tengah, garisan tepi dan berhenti serta petak tempat meletak kereta dan motosikal yang berwarna putih / kuning.	M	31,770		
B	Mengecat garisan anak panah 1 arah yang berwarna putih.	Bil	24		
C	Mengecat garisan anak panah 2 arah yang berwarna putih.	Bil	18		
D	Mengecat petak kuning dengan ketebalan 3mm menggunakan cat "Thermoplastic".	M2	184		
E	Mengecat garisan "Speed Breaker" dengan ketebalan 5mm menggunakan cat "Thermoplastic" berwarna kuning mengikut arahan Pegawai Penguasa.	M2	248		
F	Mengecat garisan bonggol berwarna putih/ kuning.	Bil	2		
G	Mengecat petak bas berwarna kuning. Kadar termasuk mengecat perkataan 'BAS' serta kerja-kerja yang berkaitan dengannya.	Bil	4		
H	Mengecat tanda di atas "Manhole" pihak utiliti yang telah diturap seperti TM, TNB, IWK dan lain-lain.	H.B	-		
I	Kerja-kerja membekal dan memasang 'rumble strip bar' dengan ketebalan 6mm dan lebar 300mm. Kadar termasuk menggunakan mesin 'screed machine' pada suhu 170c-200c termasuk kerja-kerja yang berkaitan dengan.	M2	459		
	<b>JUMLAH</b>				

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Item	Butiran Kerja	Unit	Kuantiti	Kadar (RM)	Amaun (RM)
	<b><u>KERJA-KERJA MENGECAT SUSUR JALAN</u></b>				
A	Kerja-kerja mengecat susur jalan yang sediada berwarna hitam/putih dengan 2 lapisan . Kadar termasuk kerja-kerja pembersihan permukaan serta yang berkaitan dengannya.	M	10868		
	<b><u>KERJA-KERJA PENGHABISAN</u></b>				
B	Kerja-kerja penghabisan dengan membersihkan kawasan yang terlibat dibuang ke tapak pelupusan sampah MPKj.	H.B	-		
	<b>JUMLAH</b>				

**MAJLIS PERBANDARAN KAJANG  
43000 KAJANG**

Nama Projek : Kerja-Kerja Menurap Semula Jalan Di Sebahagian Jalan Persiaran Mahkota 1 Dan Persiaran Mahkota 2, Bandar Bukit Mahkota, Daerah Hulu Langat Serta Kerja-Kerja Yang Berkaitan Dengannya.

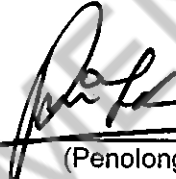
**RINGKASAN TAWARAN**

Item	Butiran Kerja	Amaun (RM)
	<b><u>JUMLAH KESELURUHAN</u></b>	
	Dari Muka Surat BQ1/7	
	Dari Muka Surat BQ2/7	
	Dari Muka Surat BQ3/7	
	Dari Muka Surat BQ4/7	
	Dari Muka Surat BQ5/7	
	Dari Muka Surat BQ6/7	
	<b>JUMLAH KESELURUHAN</b>	

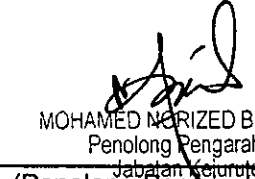
**RINGGIT MALAYSIA:**

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Disediakan oleh :

  
**FARIZAL BIN MUSTAFA**  
 Penolong Jurutera  
 Jabatan Kejuruteraan  
 (Penolong Jurutera) Majlis Perbandaran Kajang

Disemak oleh :

  
**MOHAMED NORIZED BIN CHE'MAN**  
 Penolong Pengarah Kanan  
 Jabatan Kejuruteraan  
 (Penolong Pengarah Kanan / Pengarah) Majlis Perbandaran Kajang

Nama Kontraktor :

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Alamat kontraktor :

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Tempoh siap kerja :

**10 MINGGU**

Kelas :

**G4**

Cop kontraktor :

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Tandatangan :

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**SKOP KERJA PENURAPAN JALAN**

**SKOP KERJA PENURAPAN JALAN****1. Penyediaan Tapak Bina**

Pihak pemborong / kontraktor hendaklah memastikan segala keperluan, kelengkapan mesin dan peralatan serta lain-lain yang berkaitan bagi kerja di tapak perlu dipatuhi seperti arahan Pegawai Penguasa di tapak.

**2. Pemotongan Rumput Di Bahu Jalan**

Pihak pemborong / kontraktor dikehendaki memotong, membersihkan dan menggred semula bahu jalan melibatkan kerja penggredan semula aras permukaan, membentuk dan memadat bahu jalan sediaada serta membersihkan dan membuang tumbuhan dari tapak bina ke tempat pembuangan yang disediakan oleh pemborong / kontraktor.

Penggredan bermotor atau alatan lain digunakan untuk penggredan semula aras permukaan, diikuti dengan pemadatan menggunakan mesin penggelek.

**3. Pembersihan Permukaan Tapak Jalan**

Pihak pemborong / kontraktor dikehendaki membuat pemotongan pada mana-mana permukaan jalan yang telah retak, pecah dan rosak dengan menggunakan peralatan dan jentera yang sesuai. Kemudian, dari itu adalah dikehendaki untuk merawat permukaan 'base' jalan dengan menambak dan memadatkan 'crusher run' yang sesuai seperti yang diarahkan oleh Pegawai Penguasa di tapak. Kontraktor juga perlu memastikan permukaan tapak adalah bersih dan kering serta tiada sebarang kotoran yang mengganggu kerja.

**4. Rekabentuk Campuran ( Mix Design )**

Pihak pemborong / kontraktor dikehendaki untuk membuat penentuan bagi campuran bitumen dan agreged yang dapat menghasilkan bahan penurapan jalan yang berdaya tahan sebelum memulakan kerja penurapan jalan dan memaklumkan kepada Pegawai Penguasa bagi persetujuan dan kelulusan. Pihak pemborong / kontraktor dikehendaki membuat penentuan dan pematuhan 'Job Mix Formula' (JMF) sepertimana yang ditetapkan oleh Jabatan Kerja Raya (JKR) pada kuari-kuari pembekal yang diiktiraf oleh JKR.

**5. Semburan 'Bituminous Emulsion Tack Coat'**

- i) Pihak pemborong / kontraktor adalah dikehendaki dan sentiasa memastikan permukaan jalan bersih dari sebarang kotoran atau benda asing dan memastikan jalan adalah dalam keadaan kering sebelum kerja semburan 'tack coat' dijalankan.
- ii) Adalah tidak dibenarkan semburan dilakukan pada atau semasa waktu hujan.



- iii) Jenis 'tack coat' yang dibenarkan oleh Pegawai Penguasa di tapak adalah dari jenis 'Bituminous Emulsion Tack Coat Rapid Setting Grade 1Kationic atau RS-1K' ( 50% Bitumen / 50% Air ) dengan mematuhi piawaian Malaysian Standard – MS 161.
- iv) Semburan 'tack coat' hendaklah dilakukan dengan cara semburan rata pada keseluruhan permukaan jalan dan tidak dilakukan dengan cara semburan berbelang / bertompok / tidak rata.
- v) Setelah semburan 'tack coat' selesai dilakukan dengan kaedah yang betul, dan keadaan cuaca yang baik dan kering, maka waktu set 'tack coat' adalah dalam tempoh 30minit ke 45minit atau setelah keseluruhannya bahan kandungan air dari campuran 'tack coat' telah meruap keluar dan kandungan bitumen telah set dan berwarna kehitaman.
- vi) Suhu 'tack coat' di antara 25°C sehingga 45°C semasa semburan dilakukan.
- vii) Sekiranya berlaku hujan semasa kerja semburan sedang dalam pelaksanaan, adalah dikehendaki memberhentikan kerja tersebut dan perlu mengulangi proses tersebut dalam cuaca yang kering.
- viii) Kuantiti semburan hendaklah mematuhi arahan iaitu di antara kadar semburan 0.25 – 0.55/liter persegi disemur rata pada permukaan bersih dan kering.

## 6. Turapan "Asphaltic Concrete Wearing Course" – ACWC 14mm

- i) Pihak pemborong / kontraktor adalah dikehendaki sebelum melaksanakan kerja turapan perlu mendapatkan kelulusan Pegawai Penguasa di tapak bagi menentukan pilihan memilih kuari yang membekalkan premix mendapat kelulusan dan diiktiraf oleh JKR Malaysia di dalam negeri Selangor.
- ii) Setelah dipersetujui, pihak pemborong / kontraktor adalah dikehendaki membuat 'trial mix' di kuari yang dipilih bagi mendapatkan 'grading-sieve analysis' 'Bitumen Content' dan menetapkan rekabentuk turapan melalui 'Job Mix Formula' bagi mendapatkan kelulusan Pegawai Penguasa.
- iii) 'Design Bitumen Content' yang perlu dipatuhi bagi 'ACWC 14 – Wearing Course' adalah 4.0 – 6.0 %. Setelah mendapat rekabentuk turapan dan 'rolling pattern' yang dipersetujui, kerja-kerja penurapan 'ACWC 14mm' hendaklah dilakukan dengan mematuhi spesifikasi penurapan.

## 7. Kerja Pemampatan & Pematatan Asphaltic Wearing Course – ACWC 14mm & Suhu Asphalt

- i) Pihak pemborong / kontraktor adalah dikehendaki memastikan semua jentera dan peralatan lengkap dan berfungsi dengan baik sebelum memulakan kerja penurapan dan pemampatan.
- ii) Jentera Paver perlu mempunyai kelebaran di antara 2.5m-3.75m , jentera 'Tandem Roller' perlu mempunyai berat sehingga 8 tan ke 10 tan dan jentera 'Pneumatic Tyre Roller' perlu mempunyai berat tidak kurang 15 tan serta berfungsi dengan baik.
- iii) Semasa kerja penurapan dijalankan, kontraktor hendaklah memastikan suhu asphalt atau premix di atas lori perlu tidak kurang dari 130°C dan perlu memastikan suhu asphalt di dalam jentera paver tidak kurang 130°C serta perlu

memastikan suhu asphalt semasa pemampatan dan pemadatan tidak kurang dari 120°C.

- iv) Bagi memastikan turapan mengikut spesifikasi kaedah pemampatan perlu mematuhi corak gelesan ( 'rolling pattern') seperti 2 ( static )-2 ( vibrate )-10 atau 12 ( Tyre Roller )2 – ( static ) atau 2-2-12-2 atau 2-2-10-2 bagi memastikan nilai ketumpatan premix mematuhi kehendak spesifikasi iaitu 98-100% dari Marshall Density bagi Asphaltic Concrete Wearing Course' ( ACWC ).

#### 8. Semburan 'Bituminous Emulsion Prime Coat'

- i) Pihak pemborong / kontraktor adalah dikehendaki dan sentiasa memastikan jalan bersih dari sebarang kekotoran dan benda asing serta memastikan permukaan jalan adalah dalam keadaan kering sebelum kerja semburan 'prime coat' dilakukan.
- ii) Adalah tidak dibenarkan semburan dijalankan pada waktu hujan.
- iii) Jenis ' prime coat' yang dibenarkan oleh Pegawai Penguasa di tapak adalah dari jenis 'Bituminous Emulsion Prime Coat Slow Setting Grade 1 Kationic atau SS-1K' bergred penembusan 80/100 ( 60% Bitumen / 40% Air ) dengan mematuhi piawaian Malaysian Standard – MS 161.
- iv) Semburan 'prime coat' hendaklah dilakukan dengan cara semburan rata pada keseluruhan permukaan jalan dan tidak dilakukan dengan cara semburan berbelang / bertompok / tidak rata.
- v) Setelah semburan 'prime coat' selesai dilakukan dengan kaedah yang betul, dan keadaan cuaca yang baik dan kering, maka waktu set 'prime coat' adalah dalam tempoh lebih kurang 24 jam atau setelah keseluruhannya bahan kandungan air dari campuran 'prime coat' telah meruap keluar dan kandungan bitumen telah set dan berwarna kehitaman.
- vi) Suhu 'prime coat' di antara 25°C sehingga 45°C semasa semburan dilakukan.
- vii) Sekiranya berlaku hujan semasa kerja semburan sedang dalam pelaksanaan, adalah dikehendaki memberhentikan kerja tersebut dan perlu mengulangi proses tersebut dalam cuaca yang kering.
- viii) Kuantiti semburan hendaklah mematuhi arahan iaitu di antara kadar semburan 4 liter/ meter persegi dan lapisan atas disemur rata pada permukaan bersih dan kering.

#### 9. Turapan "Asphaltic Concrete Binder Course" – ACBC 28mm

- i) Pihak pemborong / kontraktor adalah dikehendaki sebelum melaksanakan kerja turapan perlu mendapatkan kelulusan Pegawai Penguasa di tapak bagi menentukan pilihan memilih kuari yang membekalkan premix mendapat kelulusan dan diiktiraf oleh JKR Malaysia di dalam negeri Selangor.
- ii) Setelah dipersetujui, pihak pemborong / kontraktor adalah dikehendaki membuat 'trial mix' di kuari yang dipilih bagi mendapatkan 'grading-sieve analysis' 'Bitumen Content' dan menetapkan rekabentuk turapan melalui 'Job Mix Formula' bagi mendapatkan kelulusan Pegawai Penguasa.

- iii) 'Design Bitumen Content' yang perlu dipatuhi bagi 'AC 28 – Binder Course adalah 3.5 – 5.5 %'. Setelah mendapat rekabentuk turapan dan 'rolling pattern' yang dipersetujui, kerja-kerja penurapan 'ACBC 28mm' hendaklah dilakukan dengan mematuhi spesifikasi penurapan.

**10. Pengujian Sampel**

Dalam tempoh 24 jam selepas pemadatan, sampel hendaklah diambil sekurang-kurangnya 1( satu ) sampel bagi setiap 500meter persegi dan tidak kurang dari 2(dua) sampel bagi setiap sesi turapan. Sampel tersebut hendaklah digunakan untuk menentukan ketebalan dan ketumpatan lapisan terpadat selepas pemadatan. Sampel yang diambil perlu dibawa ke makmal-makmal yang diiktiraf oleh MPKJ.

Tandatangan : .....  
( kontraktor )  
Nama : .....  
No I/C : .....  
Tarikh : .....

.....  
**Meteri dan Cop Kontraktor**

**SCHEDULE OF DAYWORKS RATE**

SCHEDULE OF DAYWORKS RATE

ITEM	DESCRIPTION	UNIT	RATE (RM)
	<p><b>NOTE :</b></p> <p>Where extra works cannot properly be measured or valued in accordance with the Conditions of Contract, the Contractor shall be paid in accordance with daywork rates. However, the Architect has the final decision whether the items claimed on daywork will be paid on daywork basis.</p> <p>No work shall be carried out Daywork basis except when ordered in writing by the Architect. The Contractor will give notice to the Architect the commencement and completion of any work which the Contractor considers falls within the definition of Daywork.</p> <p>Dayworks rates shall be defined as the actual prime cost to the Contractor for the work plus fifteen percent including transport, use of all ordinary plant, tools, scaffolding, supervision, profit, overheads and all other on-costs etc.</p> <p>A 'Day' is considered to be a normal working day of 8 hours. Fractions of a day will be paid for 'pro-rata'.</p> <p>The Contractor shall produce for verification to the Engineer vouchers, endorsed by the Employer's site representative, specifying the time and materials employed on the work claiming payment. If required, the Contractor shall also produce his receipt bills and wages books in support of his accounts. However, such endorsement will not bind the Architect to value the work as Daywork.</p> <p>Time sheets and materials vouchers must be submitted to the Employer's site representative for endorsement within one week of the execution of the said works. Claims accompanied by said time sheets and vouchers may be rejected by the Architect at his discretion.</p>		

**SCHEDULE OF DAYWORKS RATE**

ITEM	DESCRIPTION	UNIT	RATE (RM)
	<b><u>LABOUR</u></b>		
1.	Foreman	Per Day	
2.	Kepala	Per Day	
3.	General Labourer (Male)	Per Day	
4.	General Labourer (Female)	Per Day	
5.	Concretor	Per Day	
6.	Steel bar bender and fixer	Per Day	
7.	Bricklayer	Per Day	
8.	Drain layer	Per Day	
9.	Plasterer	Per Day	
10.	Carpenter and Joiner	Per Day	
11.	Plumber	Per Day	
12.	Painter	Per Day	
13.	Fitter	Per Day	
14.	Welder	Per Day	
15.	Crane Drivers	Per Day	
16.	Pneumatic Tool Operator	Per Day	
17.	Surveyor	Per Day	
18.	Chainman	Per Day	

SCHEDULE OF DAYWORKS RATE

ITEM	DESCRIPTION	UNIT	RATE (RM)
	<u>PLANT</u>		
1.	Backhoe Excavator (1/2 Y.C. capacity)	Per Day	
2.	Concrete Truck Mixer (5 m3)	Per Day	
3.	Concrete Mixer 10/7T (0.35 m3/hr)	Per Day	
4.	Grader Cat 112F or equivalent	Per Day	
5.	Bulldozer Cat D7F or equivalent	Per Day	
6.	Bulldozer Cat D6F or equivalent	Per Day	
7.	Vibrator, concrete immersion-type light	Per Day	
8.	Vibrator, concrete immersion-type heavy	Per Day	
9.	Tipping Truck 8-10 tonne payload	Per Day	
10.	Dump Truck 8-10 tonne payload	Per Day	
11.	Dump Truck 10-12 tonne payload	Per Day	
12.	Flat Bed Truck 1.5 tonne payload	Per Day	
13.	Flat Bed Truck 3.0 tonne payload	Per Day	
14.	Flat Bed Truck 7.1 tonne payload	Per Day	
15.	Front End Wheeled Loader 1.1 m3	Per Day	
16.	Front End Wheeled Loader 2.3 m3	Per Day	
17.	Front End Wheeled Loader 1.1 m3 with backhoe attachment	Per Day	
18.	Steel Wheeled Roller 5-7 tonne	Per Day	
19.	Steel Wheeled Roller 10-12 tonne	Per Day	
20.	Self Propelled Vibratory Roller 12 tonne compaction force	Per Day	
21.	Drawn Vibratory Roller 7-14.2 tonne	Per Day	
22.	Pneumatic tyred roller 7-14.2 tonne	Per Day	
23.	Portable Air Compressor 10.5 m3	Per Day	
24.	Portable Air Compressor 17 m3	Per Day	
25.	Water Pump 50mm including piping	Per Day	
26.	Water Pump 100mm including piping	Per Day	
27.	Water Pump 150mm including piping	Per Day	
28.	Mobile crane 5 tonne	Per Day	
29.	Portable Arc Welder	Per Day	
30.	Pneumatic Jack Hammer	Per Day	
31.	Portable Compactor	Per Day	
32.	Oxy-Acetylene	Per Day	
33.	Electric Impact Drill of 1/2" - 1 1/2" Diameter	Per Day	
34.	Generator 50kVA Capacity	Per Day	
35.	Rock Drills 4 Inch air tower crawler rig	Per Day	

## LAMPIRAN A

### SCHEDULE OF LABOUR EQUIPMENT

Particulars of the employment of labour equipment that the Contractor anticipates using in this project.

Equipment Required		Rate	Labour Force	
Description	No.		Description	No.
1)		RM	1)	
2)		RM	2)	
3)		RM	3)	
4)		RM	4)	
5)		RM	5)	
6)		RM	6)	
7)		RM	7)	
8)		RM	8)	
9)		RM	9)	
10)		RM	10)	
11)		RM	11)	
12)		RM	12)	
13)		RM	13)	
14)		RM	14)	

\* Where not shown in the Dayworks Schedule, the Contractor is to submit the rate per hour for the particular it of equipment anticipated to be used.



### PRICES OF BASIC MATERIALS

The Contractor shall insert the prices ex-site of the following basic materials which shall be used as a basis for derivation of new rates for Variation as per Clause 11 of the Conditions of Contracts and for Interim Valuations.

1.	Cement	.....	per 50kg. Bag
2.	Walcrete	.....	per 50kg. Bag
3.	Sand	.....	per metre cube
4.	Coarse Aggregate	.....	per metre cube
5.	Mild steel bar reinforcement	.....	per metric tonne
6.	High tensile bar reinforcement	.....	per metric tonne
7.	Shuttering boards	.....	per metric tonne
8.	Structural timber	.....	per metric tonne
9.	Structural steel work	.....	per metric tonne
10.	Paint	.....	per litre
11.	Common brick	.....	per 1,000
12.	Glass	.....	per metre square
13.	Roofing materials	.....	per metre square
14.	Ceiling materials	.....	per metre square
15.	Floor and wall tiles	.....	per metre square

**MEASUREMENT APPLICATION AND  
PRICING FACTORS**

DOKUMEN MEJA TERKAWAL

## MEASUREMENT AMPLICATION AND PRICING FACTORS

### 1.0 PREAMBLES TO ALL TRADES

1.1 The requirement of all items contained in this section are to be taken into account when pricing these Bills of Quantities.

1.2 The term `approved' shall mean approved by the Superintending Officer.

#### Abbreviations

1.3 Throughout these Bills of Quantities the following abbreviations have been used :

##### (i) General

- |     |           |   |  |
|-----|-----------|---|--|
| (a) | M.S.      | - | The latest standard for a particular building material or component issued at Standards and Industrial Research Institute of Malaysia (SIRIM). |
| (b) | B.S.      | - | The latest standard for a particular building material or component issued at the British Standards Institution.                               |
| (c) | CP (B.S.) | - | The latest British Code of Practice issued by the Council of Codes of Practice the British Standard Institution.                               |
| (d) | CP (CE)   | - | The latest Civil Engineering Code of Practice, issued by the Institution of Civil Engineers, United Kingdom.                                   |
| (e) | Gauge     | - | Imperial standard wire gauge.  |
| (f) | S.W.G     | - | Ditto  |
| (g) | NO        | - | Number   |
| (h) | PRS       | - | Pairs  |
| (i) | S.O.      | - | Superintending Officer   |
| (j) | RHS       | - | Rectangular Hollow Section   |
| (k) | UPVC      | - | Unplasticised Polyvinyl Chloride   |
| (l) | W.C.      | - | Water Closet   |

## MEASUREMENT AMPLICATION AND PRICING FACTORS

### 1.0 PREAMBLES TO ALL TRADES (Cont'd)

#### Abbreviations (Cont'd)

1.3 Throughout these Bills of Quantities the following abbreviations have been used :  
(Cont'd)

#### (ii) Metric Units

(a)	MC or M3	-	Metre cube
(b)	MS or M2	-	Metre superficial
(c)	MR or M	-	Metre lineal
(d)	CM	-	Centimetre
(e)	MM	-	Milimetre
(f)	KG	-	Kilogram
(g)	KN	-	Kilonewton

#### (iii) Imperial Units

(a)	FC	-	Feet cube
(b)	FS	-	Feet superficial
(c)	FR	-	Feet lineal
(d)	YC	-	Yard cube
(e)	YS	-	Yard superficial
(f)	YR	-	Yard lineal
(g)	Ton	-	Imperial tonne
(h)	LBS	-	Pound
(i)	OZ	-	Ounce

## MEASUREMENT AMPLICATION AND PRICING FACTORS

### 1.0 PREAMBLE TO ALL TRADES (CONT'D)

#### **Construction Plant, Equipment, Vehicle and Machinery**

- 1.4 The costs of providing constructional plant, equipment, vehicles and machinery for use directly in connection with the construction and completion of the Works are to be priced in the Preliminary Section of these Bills of Quantities. However, the costs of operating the same are to be included in the prices and rates of the relevant items in these Bills of Quantities.

#### **Curved or Circular Work**

- 1.5 Work described in these Bills of Quantities as curved or circular shall be deemed to include all junctions between straight and curved or circular work.

#### **New and Old Work**

- 1.6 Unless otherwise specified the cost of making good at junction between new and old works shall be included in the prices and rates of the new works.

#### **Items/Works Measured as Lump Sum Items**

- 1.7 Prices and rates for items/works measured as Lump Sum items shall be deemed to cover for providing everything necessary for the proper execution and completion of the items/works according to the true intent and meaning of the Contract Documents taken together whether the same may not be particularly shown or described provided the same is reasonable inferred to therein.

#### **Pricing of Provisional Bills of Quantities**

- 1.8 All items in these Provisional Bills of Quantities shall be priced by the Contractor. Should the Contractor fail to price any item, the value thereof shall be deemed to be included in the prices and rates of other items therein.
- 1.9 All quantities in these Provisional Bills of Quantities are subject to final measurement on site as per actual work done.

## MEASUREMENT AMPLICATION AND PRICING FACTORS

### 2.0 PILING WORKS

#### General

Prices and rates for piling shall be deemed to include for works in whatever nature of site, water levels and soil strata through which the pile are to be driven or bored and any excavation required for working space.

#### Supplying of Precast Concrete/Timber Piles

- 2.1 Supplying of initial and extension piles are billed separately in metre lineal in these Bills of Quantities
- 2.2 The prices for supply of initial or extension piles shall be deemed to cover for providing everything necessary as shown in the drawings and/or specified in these Bills of Quantities.
- 2.3 The pay-length for supply of piles shall be the total length supplied, transported and pitched in position ready for driving. Any piles brought on site but not pitched in position and driven shall not be paid for and shall be removed from site at the Contractor's expense.

#### Handling, Transporting, Pitching and Driving of Precast Concrete/Timber Piles

- 2.4 The prices for handling, transporting, pitching and driving shall be deemed to include for:
  - (i) Moving of pile frame about the site
  - (ii) Extra excavation, earth filing and ramming entailed in the movement/positioning of the pile frames
  - (iii) Handling, transporting, pitching and driving on initial or extension piles irrespective of lengths.
  - (iv) Shaping of one end of initial pile (if required).
  - (v) Preparing pile head and fitting the same with protective strap/helmet.
  - (vi) Redriving of heaved piles
  - (vii) Marking the piles
  - (viii) Keeping and monitoring logs
- 2.5 Handling, transporting and pitching of initial piles and extension piles are measured enumerated.
- 2.6 For the purpose of payment for driving of piles, the payable lengths shall be deemed to be the lengths measured between the point of maximum penetration of the toe of the pile and the cut-off level.

#### Pay length of Micro piles

- 2.7 Paylength for boring shall be measured and paid for in linear metres measured from the tip of micropile toe to the existing ground level and/or the formation level
- 2.8 Paylength for steel reinforcement pipe shall be measured and paid for in linear metres from the tip of steel reinforcement pipe toe to the cut-off level
- 2.9 Paylength for permanent steel casing shall be measured and paid for in linear metres from the tip of steel reinforcement pipe toe to the cut-off level
- 2.10 Payment for cement grout shall be measured and paid for in linear meters measured from the tip of steel reinforcement pipe toe to the cut-off level
- 2.11 Rates for micropiles shall be deemed to include for working at whatever depth
- 2.12 The rates for preliminary and subsequent load tests on micopiles shall be deemed in include for mobilisation, etc, to install the piles ahead of the overall piling works, construction and subsequent demolition of all necessary pile caps built in rapid hardening cement, cutting off excess length of pile, preparing pile head for testing and all necessary making good on completion

## MEASUREMENT AMPLICATION AND PRICING FACTORS

### 3.0 EXCAVATIONS AND EARTHWORKS

- 3.1 Unless otherwise stated, depths of excavation are measured from the general formation levels to the bottom of the excavations.
- 3.2 The depths of trench excavation are given in 1.5 M stages, measured from general formation levels to the bottom of excavation.
- 3.3 Quantities of earth fill are measured nett (i.e excluding volumes occupied by permanent parts of the Works to be executed under the Contract) and up to the extend of excavation given in the Standard Method of Measurement of Building Work.
- 3.4 Prices for excavation shall be deemed to include for :
- (a) Manual and/or mechanical excavation, in whatever type of material met with excluding rock and similar hard substances defined in the Specification, whether met with on the surface or in the excavations.
  - (b) Getting the material out of the excavations and spreading and levelling of surplus (the balance after backfilling into the excavations) excavated material around the excavation as directed by the S.O.).
  - (c) Levelling bottoms of the excavations or grading the bottom of the excavations to falls or cambers, and compacting the same.
  - (d) Trimming sides of the excavations to form vertical, battering or sloping faces.
  - (e) Upholding and maintaining sides of the excavations by whatever means necessary including the use of bentonite and any special or sheet piling etc. as may be necessary but which do not form a permanent part of the work to be executed, excluding any planking and strutting to be left in or any sheet piling etc. which form a permanent part of the work to be executed.
  - (f) Removing of loose boulders of size not exceeding 0.17 MC if in general excavation or of size not exceeding 0.08 MC if in excavation for trenches and foundation pits.
  - (g) Allowance for necessary working space as required by the Contractor in the construction of the permanent of the work.
  - (h) Keeping the excavations free from storm, percolating or spring water by pumping or whatever other means necessary.
  - (i) Backfilling of selected excavated materials into the excavations and compacting the same by methods and in the manners as specified in the Specification. Disposal of surplus excavated material away from the excavation shall be measured separately).

MEASUREMENT AMPLICATION AND PRICING FACTORS

3. EXCAVATIONS AND EARTH WORKS (CONT'D)

- 3.5 Prices for trench excavations shall include for surface and basement trenches. No distinction shall be made between surface and basement trenches.
- 3.6 Prices for removal and disposal of excavated materials (the quantities measured nett as excavation) within the site shall include for multiple handling and transporting the materials about the site as may be necessary prior to depositing and levelling of the same.
- 3.7 Prices for removal and disposal of excavated materials (the quantities measured nett as excavation) away from the site shall include for multiple handling and transporting of the materials from the site to the Contractor's own dump.
- 3.8 Prices for earth, sand, quarry dust and the like material in filling, beds and blinding etc. shall include for levelling surfaces of the same or grading surfaces of the same to falls or cambers, trimming sides of the same to form vertical, battering or sloping surfaces, and any temporary retaining boards as may be required.
- 3.9 Prices for hardcore, crusher run and the like material in filling and beds etc. shall include for handpacking the same to form vertical, battering or sloping surfaces and any temporary retaining boards as may be required.
- 3.10 Prices for hardcore, crusher run and the like material in fillings and beds etc. to receive concrete or paving shall include for blinding the same with sand or quarry dust, and levelling surfaces of the same or grading surfaces of the same to falls and cambers.
- 3.11 Prices for structural damp proofing membranes, shall be held to include for all welted joints, tapes, etc. in accordance with the manufacturer's printed instructions, for all cutting to profile and around piles, in whichever size are required.
- 3.12 Prices for earth fill shall be deemed to include for :
- (i) Compaction factor of the fill material and settlement or displacement of fill over soft areas.
  - (ii) Upholding and maintaining sides of the filling by whatever means necessary including the use of bentonite and any special shoring or sheet piling etc. as may be necessary but which do not form a permanent part of the Work to be executed, but excluding any planking and strutting to be left in or any sheet piling etc. which form a permanent part of the Work to be executed.



## MEASUREMENT AMPLICATION AND PRICING FACTORS

### 4.0 CONCRETE WORK

#### Concrete

4.1 The rates for concrete shall be deemed to include for :

- (1) All hoisting and placing in required positions
- (2) Working between and around reinforcement
- (3) Tamping and/or vibrating to give thorough compaction
- (4) Forming or cutting :
  - (a) Grooves
  - (b) Chases
  - (c) Mortices
  - (d) Holes and other sundry like items, including all making good and the provision of all additional work to kickers, etc.

#### Reinforcement

4.2 The prices for reinforcement shall be deemed to include for :

- (a) Cutting to lengths
- (b) Hooked ends
- (c) Bends
- (d) Placing in position prior to casting
- (e) Tying, tying wire, spacer bars and distance blocks
- (f) Allowance for laps and framing notches around obstructions in case of fabric reinforcement.

Note : The weight of steel reinforcement given in the Bills excludes both the weight of tying wire and any allowance for rolling margin and rates are to include for these items.

## MEASUREMENT AMPLIFICATION AND PRICING FACTORS

### 4.0 CONCRETE WORK (CONT'D)

#### Formwork

4.3 The prices for formwork shall be deemed to include for :

- (a) Erection, raking and circular cutting
- (b) Splayed edges
- (c) Notchings
- (d) Allowances for overlaps and passings at angles
- (e) Battens
- (f) Filleting to form chamfered edges not exceeding 50mm wide
- (g) Strutting
- (h) Bolting and wedging
- (i) Easing, striking and removal

#### Vertical Faces above 3.50 metres

4.4 The prices for formwork to vertical surfaces i.e columns, wall etc. are to include for strutting any height when required

#### Left-in Formwork

4.5 'Left-in' formwork as specified in these Bills of Quantities shall mean formwork which will form a permanent part of the Works

Note : The rate for each item of concrete and formwork shall be held to include for :

- (a) All construction and daywork joints, other than those specifically shown on the Drawings, which are measured in the Bills of Quantities
- (b) All shrinkage or movement joints or closure strips, whether shown on the Drawings or instructed by the Architect

#### Precast Concrete

4.6 All work in precast concrete shall be deemed to be in concrete (1:2:4 - 19mm aggregate) as described later in these Bills. Rates shall include for all casting, formwork, handling, hoisting, placing in position and setting, bedding, jointing and pointing in composition mortar unless otherwise particularly described.

## MEASUREMENT AMPLICATION AND PRICING FACTORS

### 5.0 BRICKWORK

5.1 Prices for brickwork shall be deemed to include for :

- (a) All rough and fair cutting
- (b) Oversailing and receding courses
- (c) Rough relieving and discharging arches
- (d) Wedging and pinning
- (e) Raking out joints for and pointing flashings
- (f) Bedding plates
- (g) Bedding and pointing frames
- (h) Parging and coring flues
- (i) Plumbing angles
- (j) Labour eaves filling
- (k) Forming square and rebated reveals, cut squints or birdsmouths and notches
- (l) Cutting or forming chases, holes and mortices
- (m) Cutting and pinning and/or building in
- (n) Making good
- (o) Sundry like items

## MEASUREMENT AMPLICATION AND PRICING FACTORS

### 6.0 DRAINS

- 6.1 The items given under the various Trades of Excavation and Earth Works, Concrete Works, Brickworks, etc. which are deemed to be included in the prices and rates of drains, shall apply accordingly.
- 6.2 Excavation for drain trenches shall not be less than 300mm wider than the external diameter of the pipes and prices shall include for grading ground under pipes, carefully filling in earth to avoid damaging pipes and ramming, clearing away surplus material, keeping the excavations free from water and for all necessary planking and strutting.
- 6.3 Prices and rates for cast iron, vitrified clay and salt-glazed earthenware pipes shall be deemed to include short lengths, sockets, jointing, fixing and the like.

## MEASUREMENT AMPLICATION AND PRICING FACTORS

### 7.0 ROOFER AND RAINWATER GOODS

7.1 The rate for each item of 'Roofer and Rainwater Goods' shall be held to include for :

- (a) All rounded edges
- (b) Arrises
- (c) Working round and forming collars to pipes
- (d) Making connections to drains, etc
- (e) Narrow widths
- (f) Small quantities
- (g) All straight, raking or circular cutting
- (h) Subsequent waste
- (i) Temporary rules
- (j) Making good
- (k) Sundry like items of a like nature
- (l) Grading to roof outlets and the like

## MEASUREMENT AMPLICATION AND PRICING FACTORS

### 8.0 CARPENTRY

8.1 The rate for each item of 'Carpenter' shall be held to include for all cutting, notching, boring, sinking, palleting, fitting, trimming, mitreing, halving, morticing, tenoning, dovetailing, scarfing and wedging and all ends, splayed edges, short lengths and temporary supports, rebating for plaster and other sundry items of a like nature, nails, spikes, pins and brads.

#### All work deemed to be sawn

8.2 All carpenter's work shall be deemed to be left with a sawn surface except where particularly described to be wrot and prices are to include for this.

#### Sizes

8.3 The sizes of sawn timber, except where otherwise specified, shall be within the margin of permissible variation stated hereunder :

- (i) For widths, depths or thicknesses not exceeding 75mm, within 3mm of the specified size
- (ii) For widths, depths or thicknesses exceeding 75mm, within 6mm of the specified size

#### Plugging and fixing woodwork etc.

8.4 Where work is described as "plugged" it shall include for short fired fixings where approved or casting in or morticing for and inserting fibrous inserts or other approved fixing materials and fixing with suitable nails or screws to any wall or concrete surface.

## MEASUREMENT AMPLICATION AND PRICING FACTORS

### 9.0 JOINERY

#### Joinery Timber

- 9.1 Prices for all joinery timber shall be deemed to include for :
- (a) Pressure treating as later described
  - (b) Wrought (wrot) finish
  - (c) All cutting, notching, holes, housed ends, mitres, ends, shaped ends, angles, junctions, heading joints, short lengths and the like
  - (d) Labour to stops or cross grains, nails, spikes, pins and brads and screws
  - (e) Planting on with nails or brads etc. punched in
  - (f) Any other items of a like nature.
- 9.2 Concrete platforms, floor and wall finishes, and sanitary fittings related with joinery fittings are measured separately.
- 9.3 Subject to paragraph 9.2 above, prices for joinery fittings which are measured in numbers are deemed to include for providing everything necessary for the proper execution and completion of the items irrespective of whether all the details are explicitly shown in the drawings and/or specified in these Bills of Quantities.

#### Suspended Ceiling

- 9.4 Suspended ceiling are measured in meter superficial. Rates per metre superficial of suspended ceilings are deemed to include for providing everything necessary for the proper execution and completion of the items irrespective of whether all the details are explicitly shown in the drawings and or/specified in these Bills of Quantities.
- 9.5 Prices and rates for suspended ceiling are also deemed to include for :
- (i) Narrow widths and small quantities
  - (ii) Temporary rules
  - (iii) Mitres, edge trims and fair cutting to ceiling boards and tiles at margins and borders
  - (iv) All making good and any sundry items of like nature

## MEASUREMENT AMPLICATION AND PRICING FACTORS

### 9.0 JOINERY (CONT'D)

#### Ironmongery

- 9.6 The rates for ironmongery are to include for providing and fixing with screws of the same finish as fitting and for all cutting, sinking, boring and morticing as required, oiling, easing and adjusting all moving parts, taking off and refixing after painting where necessary and leaving in perfect working order (including handing the keys properly labelled to the Superintending Officer's satisfaction on completion).
- 9.7 The rate for each item of 'Ironmonger' whether of 'supply and fix' or 'fix only' shall be held to include for taking delivery, unloading, carrying in, sorting, storing, stripping or removing protective wrapping or coverings, checking, assembling, returning packages, handling, hoisting, placing or lowering and fixing in position including fitting, cutting, sinking, boring and morticing and supply of matching screws and adjusting, refixing, and for cutting away and making good, levelling, packing, grouting, puttying and touching up, all in accordance with the generally accepted requirements of the specific item, including handing the keys properly labelled to the Superintending Officer's satisfaction, protecting and safeguarding the work until the issue of the Certificate of Practical Completion.



## MEASUREMENT AMPLICATION AND PRICING FACTORS

### 10.0 STEEL AND IRONWORK

- 10.1 No allowance has been made in the weight of steel for rolling margin.
- 10.2 Prices and rates for steel and ironwork shall be deemed to include for :
- (i) Allowance for rolling margin
  - (ii) All labour in cutting to length and drilling holes
  - (iii) Rivets if necessary
  - (iv) Additional costs involved in using members which are larger than the manufacturer's standard stock size required
  - (v) Working with members of various sizes and lengths.

#### Cribmesh

- 10.3 Cribmesh shall be of "Bulldog" wire mesh or other equal and approved design C 8 gauge 1 3/4" (45mm) mesh and fixed in accordance with manufacturer's instructions.

#### Aluminium Works

- 10.4 The rate for each item of doors, windows, etc shall be held to include for eccentric positioning of hinges, etc.
- 10.5 The rate for each item of doors, windows, etc shall be held to include for cutting, notching, boring, fitting, trimming, mitreing, dovetailing, mechanical cleats or electrical welding etc. and all ends, splayed edges, short lengths and temporary supports, rebating for plaster and other items of a like nature.
- 10.6 The rate for each item of doors, windows, etc shall be held to include for all fixtures, screws, nuts, bolts, rivets and other attachments and the application of anti-corrosive and anti-bi-metal chemical reaction paints where required and pressure grouting with water proof cement and sand filling and caulking and pointing with approved tropical mastic where required.

## MEASUREMENT AMPLICATION AND PRICING FACTORS

## 11.0 PAVIOR AND TILER

**Plastering**

11.1 The rates for plastering shall be deemed to include for :

- (a) Narrow widths and small quantities
- (b) Temporary rules
- (c) Joints between different types of plastering
- (d) Internal angles, arrises and quirks
- (e) Rounded coves and external angles not exceeding 25mm radius
- (f) Mitres, stop, etc., on all the foregoing and to cornices, mouldings, enrichments, coves, grooves, skirtings, gutters and strings.
- (g) Raking out joints or hacking any surface to form key.
- (h) All making good and any sundry items of a like nature.

**Pavior**

11.2 The rate of each item of paving and screeds shall be held to include preparation of base and providing cement slurry or bonding agent.

11.3 The rate for each item of 'Pavior' shall be held to include for all :

- (a) Rounded edges, arrises
- (b) Working and dishing round pipes
- (c) All straight, raking or circular cutting
- (d) Subsequent waste
- (e) Temporary rules
- (f) Making good
- (g) Sundry like items of a like nature
- (h) Grading to floor outlets and the like

11.4 The rate for each item of skirtings, risers, angles, openings, moulded or rounded edges, channels and the like, shall be held to include for all short lengths, formed, cut and purpose made angles, junctions, ends and making good, and any other sundry items of a like nature.

## MEASUREMENT AMPLICATION AND PRICING FACTORS

### 12.0 PLUMBER

#### General

- 12.1 Prices and rates for pipeworks shall be deemed to include for short lengths, joints in the running length including fixing and the like, all perforations, chases etc. in brickwork, blockwork, concrete etc, and for all making good.
- 12.2 All tubings have been measured the nett lengths as fixed, measured over bends, junction, etc.
- 12.3 Prices for fittings to all tubings described as `extra for' should be the cost of the fittings extra only over the length of tubings.

#### Galvanised Mild Steel or UnPlasticised Polyvinyl Chloride (UPVC) Tubing

- 12.4 The prices for mild steel or UPVC tubings shall be deemed to include for :
  - (a) All short running lengths
  - (b) Sockets
  - (c) Connectors
  - (d) Backnuts
  - (e) Elbows and bends
  - (f) Fire-bends
  - (g) Tees
  - (h) Diminishing pieces
  - (i) Plugs
  - (j) Other items of a like nature

#### Copper Tubing

- 12.5 Prices for copper tubings shall include for :
  - (a) All short running lengths
  - (b) Made bends
  - (c) Running joints
  - (d) Other items of a like nature

#### Pipe clips

- 12.6 Pipe clips for fixing water pipes are to be galvanised and to B.S. 1494 and the prices of all pipework are to include pipe clips at 900mm centres screw fixed including plugging where required and all making good.

## MEASUREMENT AMPLICATION AND PRICING FACTORS

### 12.0 PLUMBER (CONT'D)

#### Sanitary Fittings

- 12.7 The rate for each item of unplasticised PVC and mild steel pipes below 2" diameter shall be held to include for short lengths, sockets, connectors, back nuts, bends, fire bends, tees, diminishing pieces and plugs, fixings, jointing and the like.
- 12.8 The rate for each item of mild steel pipes and unplasticised PVC pipes of 2" diameter and above, cast iron pipes and saltglazed stoneware pipes shall be held to include for short lengths, running joints, fixing, jointing and the like
- 12.9 The rate for each item of pipework shall be held to include for PVC inserts to avoid sound transmission, sleeves to wall or floors, collar saddle, core holes, connection to drains and painting directional flow and all other work necessary to complete the pipeline installation.
- 12.10 The rate for each item of equipment shall be held to include chromium plated copper hook-up tubings.
- 12.11 The rate for each item of control valves shall be held to include for flow control regular.

### 13.0 GLAZIER

- 13.1 Prices and rates for glass shall be deemed to include for all necessary additional costs involved in using sheets which are larger than the manufacturer's standard stock sizes if required.

#### Clips

- 13.2 The rate for each item of glass shall be held to include for cleaning and polishing both sides on completion, and for replacing all cracked, scratched, stained and broken glass.
- 13.3 The rate for each item of glass shall be held to include all other incidental materials such as glazing compound, shims, glazing clips, securing devices, felt, etc. not described but required to complete a satisfactory and approved installation.

### 14.0 PAINTER

- 14.1 Prices and rates for all painting works shall be deemed to include for preparation of surfaces for painting as described, painting in any colour or tint (including mixing of paints to derive any tint or colour required) and all necessary scaffolding and temporary platform.
- 14.2 Prices and rates for painting on steel structures shall be deemed to include for painting on brackets, cleats, rivets, bolts, etc.
- 14.3 Prices and rates for painting on pipes shall be deemed to include for painting on fittings, clips, brackets, etc.

## MEASUREMENT AMPLICATION AND PRICING FACTORS

### 15.0 DEFINITION OF INVERT DEPTH

- 15.1 Invert depth for surface water drains, sumps and manholes shall mean the depth from the top of side walls of surface water drains or sumps or top of cover slab of manholes to the lowest point of the internal surface (invert) of surface water drains or sumps or manholes as the case may be, when completed.
- 15.2 Invert depth for culverts and monsoon drains shall mean the depth from formation levels to the lowest point of the internal surface (invert) of culverts or monsoon drains as the case may be, when completed.

**MAKLUMAT AM LATAR BELAKANG  
KONTRAKTOR**

## **BORANG A – SURAT PENGAKUAN KEBENARAN MAKLUMAT DAN KEESAHAN DOKUMEN YANG DIKEMUKAKAN OLEH PETENDER**

---

Nama Kontraktor : .....

Alamat : .....

.....

.....

Kepada,

### **YANG DIPERTUA**

MAJLIS PERBANDARAN KAJANG (MPKj),

Menara MPKj,

Jalan Cempaka Putih Off Jalan Semenyih,

43000 Kajang,

Selangor Darul Ehsan.

(Pihak yang akan menilai tender)

Tuan,

### Maklumat Latar Belakang Kewangan dan Teknikal Petender

1. Kami telah membaca dengan teliti semua arahan-arahan yang terkandung dalam Arahan kepada Petender termasuk arahan yang menghendakkan kami mengemukakan maklumat-maklumat dan dokumen-dokumen mengenai perkara di atas bersama-sama dokumen tender kami semasa mengemukakan Tender ini untuk membolehkan MPKj menilai keupayaan kami untuk melaksanakan kerja yang ditender, semasa penilaian Tender.
2. Kami faham dan mengambil maklum bahawa penilaian Tender ini akan mengambil kira dan mementingkan keupayaan kami melaksanakan kerja yang ditender. Justeru itu tender kami akan hanya dipertimbang untuk diperakukan kepada Lembaga Tender untuk disetujui terima sekiranya kami didapati berkeupayaan untuk melaksanakan projek yang ditender, mengikut penilaian MPKj berasaskan maklumat-maklumat dan dokumen-dokumen yang kami kemukakan.
3. Kami juga mengambil maklum bahawa kami dikehendaki mengemukakan semua maklumat dan dokumen-dokumen yang diminta bersama-sama tender kami sebelum Tender ditutup dan maklumat-maklumat atau dokumen-dokumen yang dikemukakan kemudian daripada itu tidak akan diterima untuk diambil kira dalam penilaian keupayaan kami.
4. Kami mengaku bahawa maklumat-maklumat dan data-data yang kami berikan bersama-sama ini di Borang B,C,CA,D,E,F,FA dan dokumen-dokumen yang kami sertakan bersamanya setahu kami adalah semuanya benar dan sah pada semua segi dan kami telah mengambil maklum dan sedar akan tindakan yang boleh diambil oleh Kerajaan terhadap kami dan/atau tender kami, sekiranya mana-mana maklumat, data-data dan dokumen yang kami berikan itu didapati tidak benar atau palsu.

5. Kami juga mengambil maklum dan sedar bahawa Tender kami akan ditolak (disqualified) dan tidak akan dipertimbangkan sekiranya maklumat-maklumat yang kami berikan itu tidak mencukupi atau sekiranya kami gagal untuk memberikan bersama-sama ini mana-mana maklumat dan /atau menyertakan mana-mana dokumen penting yang sangat diperlukan untuk membolehkan MPKj menilai keupayaan kami, terutamanya dokumen-dokumenberhubung dengan kedudukan kewangan dan prestasi kerja semasa kami seperti berikut :
- i) Salinan Akaun Syarikat yang telah disahkan dan diaudit oleh Juru Audit yang bertauliah, bagi dua (2) tahun kewangan terakhir.
  - ii) Salinan penyata Bulanan Akaun Bank mengenai Wang Dalam Tangan petender bagi tiga (3) bulan terakhir sebelum tarikh tutup Tender.
  - ii) Laporan Penyelia Projek atas prestasi kerja semasa yang bukan projek MPKj atas borang FA dalam satu sampul berlakri bagi setiap kerja semasa yang sedang dilaksanakan.
6. Kami dengan ini memberi kuasa kepada mana-mana pegawai Kerajaan, jurutera-jurutera projek, bank dan institusi kewangan lain, dan lain-lain atau mana-mana orang atau firma yang berkenaan untuk memberikan maklumat-maklumat yang dianggap perlu dan diminta oleh MPKj untuk menyemak maklumat-maklumat yang kami berikan atau untuk mendapatkan maklumat tambahan. Kami mengambil maklum bahawa pihak MPKj juga boleh merujuk apa-apa maklumat yang kami kemukakan dengan mana-mana pihak termasuk Jabatan Hasil Dalam Negeri. Walau bagaimanapun kami tetap bertanggungjawab di atas maklumat-maklumat dan dokumen-dokumen yang kami berikan bersama-sama ini.

Yang Benar ,

.....  
( Tandatangan Petender )

Tarikh : .....

Nama Penuh : .....

No Kad Pengenalan : .....

Atas Sifat : .....

yang diberikan kuasa dengan sepenuhnya untuk menandatangani Tender ini untuk dan bagi pihak

.....  
( Meteri atau cop Petender )

Saksi : .....

Tarikh : .....

Nama Penuh : .....

No Kad Pengenalan : .....

Pekerjaan : .....

Alamat : .....



## BORANG B- MAKLUMAT AM LATAR BELAKANG PETENDER

1. Nama : .....

2. Alamat : .....

.....

.....

No. Telefon : .....

No. Fax : .....

3. Pendaftaran dengan Lembaga Pembangunan Industri Pembinaan (CIDB - SPKK) \ (Sertakan Salinan Pendaftaran)

i) No. Pendaftaran : .....

ii) Tarikh daftar : ..... Sah hingga : .....

iii) Kelas dan Tajuk/Tajuk Kecil : .....

iv) Taraf (Bumiputera/Bukan Bumiputera) : .....

v) Jika Bumiputera, tempoh sah taraf : Dari .....hingga .....

4. Bagi Syarikat Sdn. Bhd nyatakan :

i) Modal dibenarkan : RM .....

ii) Modal dibayar : RM .....

5. Perniagaan Utama lain, jika ada :

a) ..... sejak .....

b) ..... sejak .....

6. Ahli-ahli Syarikat

i) Ahli-ahli Lembaga Pengarah

Nama	Jawatan	Saham Modal Dipegang

## BORANG B- MAKLUMAT AM LATAR BELAKANG PETENDER (Samb.)

(i) Ahli-ahli Lembaga Pengarah (Samb.)

Nama	Jawatan	Saham Modal Dipegang

ii) Ahli-ahli Pengurusan

Nama	Jawatan	Kelulusan Akademik/Iktisas

## BORANG C – DATA-DATA KEWANGAN

A. Ringkasan harta dan liabiliti seperti yang ditunjukkan dalam Lembaran Imbangan (Balance Sheet)\* yang diaudit bagi tahun kewangan terakhir.

Asset * (A)	Liabiliti * (B)	Nilai Kewangan (Worth) (A – B)
Semasa : RM	Semasa : RM	Modal Pusingan : RM
Tetap : RM	Tetap : RM	Modal Tetap : RM
-----	-----	
Jumlah : RM	Jumlah : RM	'Nett Worth' : RM
=====	=====	

B. Akaun Wang Di Tangan (Cash in Hand)\*\*

1. Nama dan Alamat Bank di mana akaun dibuka :

.....  
 .....

2. Nombor Akaun : .....

C. Kemudahan kredit (jika ada)#

1. Nama dan Alamat Bank/Institusi Kewangan yang memberi Kemudahan Kredit :

.....  
 .....

2. Bentuk dan baki amaun yang boleh digunakan untuk projek pembinaan.

- i) Overdraf atau Talian Kredit : RM
- ii) Overdraf Bercagar : RM
- iii) Pinjaman Tetap yang akan/layak diperolehi untuk projek : RM
- iv) ..... : RM

Jumlah : RM

### Peringatan Penting

\* Sila sertakan salinan Akaun Syarikat bagi dua (2) tahun kewangan terakhir, yang disahkan dan diaudit oleh Juru Audit bertauliah (Certified Accountant) atau sekiranya tiada, bagi tahun kewangan setahun sebelumnya bagi menyokong data-data yang diberi. Sebutharga yang tidak disertakan dengan Akaun ini akan ditolak ; atau

\*\* Sila sertakan salinan Penyata Bulanan Bank bagi tiga (3) bulan terakhir sebelum tarikh tutup Sebutharga. Sebutharga yang tidak disertakan dengan penyata ini, akan ditolak.

# Sila dapat dan sertakan Laporan sulit daripada pihak Bank/Institusi Kewangan atas format seperti Borang CA, dalam satu sampul berlakri.

## BORANG CA – LAPORAN BANK / INSTITUSI KEWANGAN MENGENAI KEDUDUKAN KEWANGAN PETENDER

(Borang ini hendaklah dilengkapkan oleh pihak bank atau institusi kewangan lain dan diserahkan kepada petender dalam satu sampul berlakri untuk disertakan bersama-sama tendernya sekiranya petender mempunyai kemudahan kredit dengan Bank/Institusi Kewangan yang berkenaan).

Kepada : .....

.....

.....

Nama Petender : .....

Projek: Tender Untuk Membina dan Menyiapkan

.....

.....

.....

(A) Kemudahan Kredit yang boleh digunakan untuk pelaksanaan Projek :  
Kemudahan Kredit yang telah lulus dan kemudahan kredit tambahan minimum yang layak diperolehi oleh petender adalah seperti berikut :

Bentuk Kemudahan Kredit	Baki daripada yang telah diluluskan	Tambahan Minima yang akan diluluskan	
(i) Overdraif	RM	RM	RM
(ii) Overdraif bercagar	RM	RM	RM
(iii) Talian Kredit	RM	RM	RM
(iv) Pinjaman Tetap yang akan/layak diperolehi untuk projek			
(v) .....	RM	RM	RM
<b>Jumlah</b>	RM	RM	RM

(\* Jika Projek diawardkan kepada Petender)

Ulasan-ulasan mengenai kedudukan kewangan dan akaun petender :

Tandatangan untuk dan bagi pihak bank : .....

Bank : ..... Nama Pegawai : .....

Jawatan : .....

Tarikh : .....

**BORANG CA1 – KEBENARAN UNTUK MENDAPATKAN MAKLUMAT KEWANGAN  
(AKAUN BANK)**

Ruj :  
Kami:  
Tarikh:

.....  
.....  
.....  
.....

Tuan,

Projek: **KERJA-KERJA MENURAP SEMULA JALAN DI SEBAHAGIAN JALAN PERSIARAN MAHKOTA 1 DAN PERSIARAN MAHKOTA 2, BANDAR BUKIT MAHKOTA, DAERAH HULU LANGAT SERTA KERJA-KERJA YANG BERKAITAN DENGANNYA**

Perkara: **KEBENARAN UNTUK MENDAPATKAN MAKLUMAT KEWANGAN (AKAUN BANK)**

Adalah dengan segala hormatnya merujuk perkara di atas.

2. Saya \_\_\_\_\_ selaku Pengarah bagi Syarikat \_\_\_\_\_ dengan ini memberi kebenaran kepada MPKj untuk mendapatkan maklumat tentang kewangan Syarikat ini bagi tujuan penilaian tender untuk projek di atas.

3. Sehubungan dengan itu, pihak tuan diminta untuk memberikan kerjasama dengan memberikan maklumat berkaitan kewangan terkini Syarikat seandainya diminta.

Sekian, terima kasih.

Yang benar,

.....  
( )

.....  
.....  
.....  
.....

Nama & Alamat Syarikat

**BORANG D – REKOD PENGALAMAN KERJA**  
 (Senarai Semua Kerja Yang Disiapkan Dalam 5 Tahun Lepas)

BIL	NAMA KONTRAK/PROJEK DAN SKOP KERJA*	NILAI KONTRAK (RM)	NILAI PETENDER* BERTANGGUNGJAWAB	TEMPOH KONTRAK **	TARIKH MILIK TAPAK	TARIKH SIAP		NAMA DAN ALAMAT PEGAWAI PENGUASA/ JURUTERA PERUNDING	NAMA DAN ALAMAT MAJIKAN
						KONTRAK	SEBENAR		

- \* Salinan Perakuan/Pengesahan Siap Kerja bagi setiap kerja yang disenaraikan hendaklah disertakan
- Hanya perlu diisi sekiranya petender melaksanakan kerja sebagai ahli Syarikat gabungan
- \*\* Tempoh kontrak hendaklah termasuk Lanjutan Masa yang diluluskan

**BORANG E – KAKITANGAN TEKNIKAL**  
 (Senarai Semua Kerja kakitangan teknikal yang bekerja pada masa tender)

*NAMA DAN NO KAD PENGENALAN +	UMUR	** PROFESIONAL / KELAYAKAN AKADEMIK	TAHUN BERKELAYAKAN	TARIKH BEKERJA	JAWATAN DIPEGANG / TUGAS SEKARANG	PENGALAMAN LALU ( JAWATAN DIPEGANG , NAMA PROJEK , MAJIKAN NAMA & TEMPOH PEKERJAAN)

\* Salinan penyata KWSP ' A' bagi setiap kakitangan untuk bulan terakhir sumbangan hendaklah dikemukakan .

\*\* Salinan sijil kelayakan atau ahli kapal Badan Profesional hendaklah dikemukakan .

**BORANG F – SENARAI LOJI PEMBINAAN DAN PERALATAN**  
**(Petender adalah untuk memasukkan butir-butir di bawah Loji dan Peralatan dipunyai atau bercadang untuk menggunakannya untuk Kerajaan )**

KETERANGAN ( JENIS , MODEL , JADIKAN DAN KEUPAYAAN )	BILANGAN SETIAP JENIS	NOMBOR SETIAP JENIS	TAHUN PENGILANG	DILETAKKAN DISIMPAN / KINI DIGUNAKAN	CATATAN

Nota Penting: Bukti dokumen untuk membuktikan pemilikan atau penyewaan loji / peralatan yang disenaraikan di atas hendaklah dikemukakan bersama-sama dengan tender .



**BORANG G – SENARAI KERJA KONTRAK SEMASA**  
 (Senarai Semua Kerja Di dalam Tangan/Sedang Berjalan Dan Belum Siap Termasuk Kontrak Yang Baru Diaward)

BIL	NAMA KONTRAK/PROJEK +	NILAI KONTRAK (RM)	NILAI PETENDER* BERTANGGUNGJAWAB	TEMPOH KONTRAK **	TARIKH MILIK	TARIKH SIAP KONTRAK	KEMAJUAN KERJA		NAMA DAN ALAMAT JURUTERA PROJEK	NAMA DAN ALAMAT MAJIKAN
							IKUT JADUAL (RM)	SEBENAR DICAPAI (RM)		

\* Hanya perlu diisi sekiranya petender melaksanakan kerja sebagai ahli syarikat gabungan  
 \*\* Tempoh kontrak hendaklah termasuk lanjutan masa yang diluluskan  
 + Peringatan Penting

Bagi setiap kerja semasa yang bukan projek MPKj sertakan (wajib) Laporan Penyelia Projek atas format seperti Borang GA, dalam satu sampul bertakri. Tender yang tidak disertakan dengan Laporan ini bagi setiap kerja semasa yang disenaraikan akan ditolak.

## LAMPIRAN A

### **BORANG GA – LAPORAN PENYELIA PROJEK ATAS PRESTASI KERJA (BUKAN PROJEK MPKj) SEMASA PETENDER**

(Borang ini hendaklah dilengkapkan oleh Penyelia Projek atau Pembantu Kanannya yang mengawasi projek dan diserahkan kepada Kontraktor dalam satu sampul berlakri untuk disertakan bersama-sama tendernya)

Kepada : Pengarah .....

.....

.....

(U/P: .....) )

Nama Kontraktor :

Nama Projek Yang DiLaksanakan :

No. Kontrak :

Harga Kontrak (termasuk anggaran nilai kerja perubahan ) : RM

Wang Kos Prima dan Peruntukan Sementara : RM

Nilai Kerja Pembina : RM

Tarikh Milik Tapak : Tempoh Kontrak : minggu

Tarikh Penyiapan Asal :

Lanjutan Masa Yang Telah Diluluskan : hari

Lanjutan Masa Seterusnya : hari

Yang difikir/dijangka layak diperakukan : hari

Atas Sebab-sebab : (i)

(ii)

Kemajuan Kerja (berdasarkan nilai kerja yang telah dilaksanakan) :

Pencapaian sebenar : Mengikut Jadual : %

Tarikh Kerja dijangka akan dapat disiapkan :

Nilai Bahagian Kerja Yang Telah Siap : RM

Nilai Baki Kerja Yang Belum Siap : RM

Ulasan-ulasan mengenai Prestasi Kontraktor;

(Nyatakan apa-apa kepujian dan /atau kelemahan kontraktor dan juga apa-apa tindakan / perakuan yang diambil / dipertimbang berhubung dengan prestasi Kontraktor melaksanakan Kontrak)

Tandatangan Penyelia Projek :

Nama :

Jawatan :

Tarikh :

## LAMPIRAN A

### BORANG GA1 – LAPORAN JURUTERA PROJEK ATAS PRESTASI KERJA SEMASA PETENDER

(Borang ini hendaklah dilengkapkan oleh Jurutera Projek atau Pembantu Kanannya yang mengawasi projek apabila diminta berbuat demikian oleh Pegawai Penilaian dan hendaklah dihantar segera dengan menggunakan mesin Fax)

Kepada : Pengarah .....

.....

.....

(U/P: .....) )

Nama Kontraktor :

Nama Projek Yang DiLaksanakan :

.....

.....

.....

No. Kontrak :

Harga Kontrak (termasuk anggaran nilai kerja perubahan ) : RM

Wang Kos Prima dan Peruntukan Sementara : RM

Nilai Kerja Pembina : RM

Tarikh Milik Tapak : Tempoh Kontrak : minggu

Tarikh Penyiapan Asal :

Lanjutan Masa Yang Telah Diluluskan : hari

Lanjutan Masa Seterusnya : hari

Yang difikir/dijangka layak diperakukan : hari

Atas Sebab-sebab : (i)

(ii)

Kemajuan Kerja (berdasarkan nilai kerja yang telah dilaksanakan) :

Pencapaian sebenar : Mengikut Jadual : %

Tarikh Kerja dijangka akan dapat disiapkan :

Nilai Bahagian Kerja Yang Telah Siap : RM

Nilai Baki Kerja Yang Belum Siap : RM

Ulasan-ulasan mengenai Prestasi Kontraktor;

(Nyatakan apa-apa kepujian dan /atau kelemahan kontraktor dan juga apa-apa tindakan / perakuan yang diambil / dipertimbang berhubung dengan prestasi Kontraktor melaksanakan Kontrak)

Tandatangan Pegawai Penguasa/

Jurutera Projek/Wakilnya : .....

Nama :

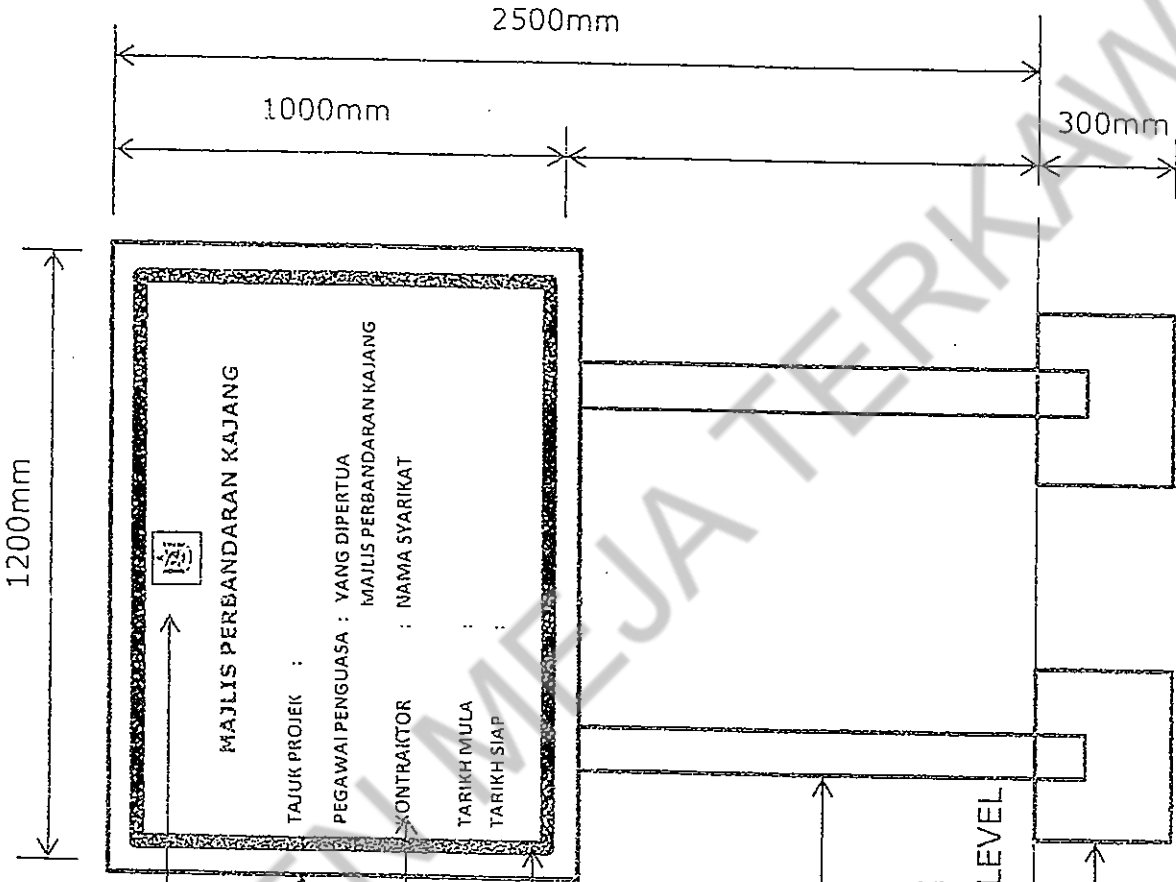
Jawatan : Tarikh :

**LUKISAN**

DOKUMEN MEJA TERKAWAL

Lampiran A

PAPAN TANDA PROJEK



LOGO MPKj

WARNA PAPAN TANDA  
(PUTIH) JENIS FIBER

WARNA TULISAN: HITAM  
(rujuk lampiran B)

BORDER LINE  
WARNA : BIRU

TIANG JENIS BESI  
"HOLLOW SECTION".  
WARNA : HITAM


PLATFORM LEVEL

KONKRIT ASAS

DISEDIAKAN OLEH : JABATAN KEJURUTERAAN

Lampiran B

PAPAN TANDA PROJEK

	
MAJLIS PERBANDARAN KAJANG	
TAJUK PROJEK :	
PEGAWAI PENGUASA : YANG DIPERTUA MAJLIS PERBANDARAN KAJANG	
KONTRAKTOR :	NAMA SYARIKAT
TARIKH MULA :	
TARIKH SIAP :	

WORDING DETAIL


DISEDIAKAN OLEH : JABATAN KEJURUTERAAN

LAMPIRAN C

WORKS  
 sign to any works on the road.

DETAILS  
 of board and borders as in WD. 1-  
 (Enk. 2A.)

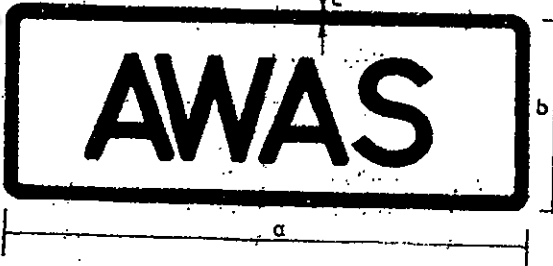
- Background - orange
- Border - black
- Symbol - black



LAMPIRAN D

T. 4 AWAS  
 Approach sign indicating some sort of danger ahead.

SIGN	DIMENSIONS			
	a	b	c	d
Minimum	1000	500	15	300



COLOUR

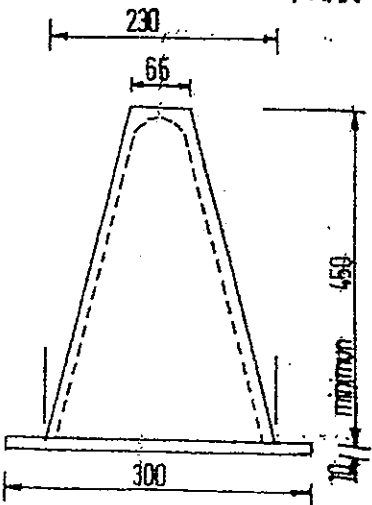
- Background - orange
- Border/Lettering - black

LETTERING: Series 2 with medium spacing.

LAMPIRAN E

T. 19 TYPICAL TRAFFIC GUIDANCE CONE  
 Another construction warning sign.

COLOUR: Orange / red



**T.6. ADVANCE WARNING SIGN**

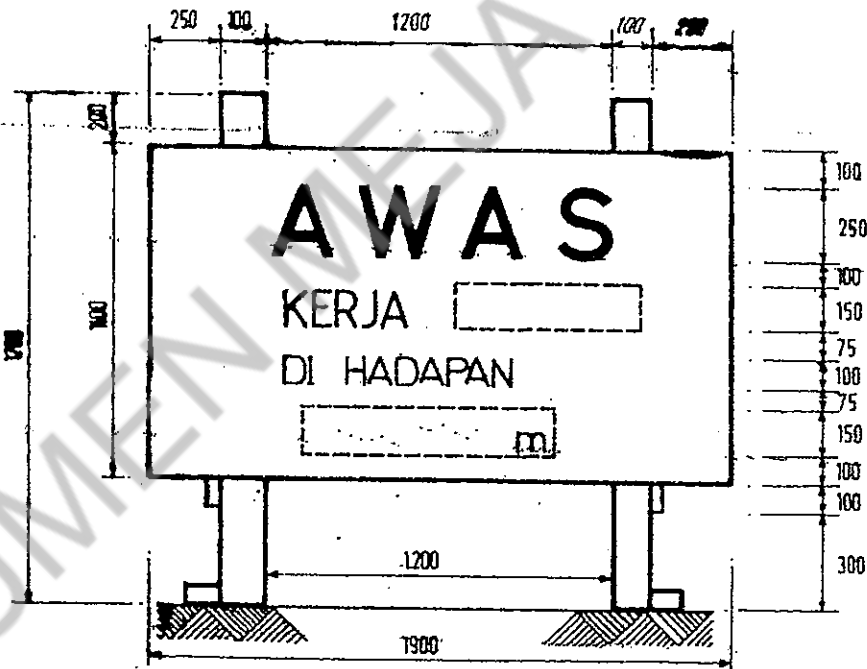
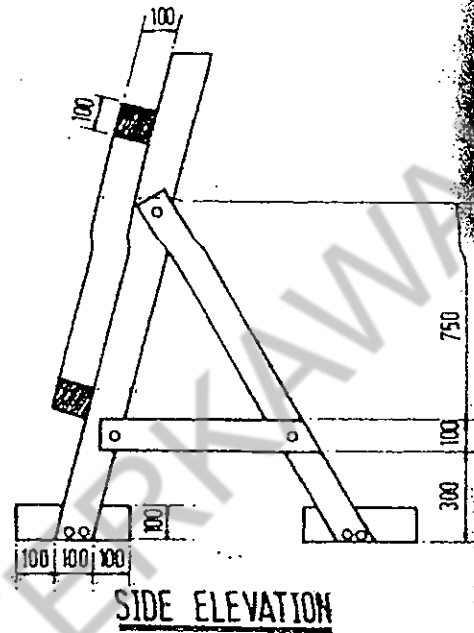
The sign should be placed in advance to warn the motorists of the construction areas.


**COLOUR**

Reflective orange background and black lettering

**DIMENSIONS**

As Shown.



Put the name of service Department e.g  
J.K.R, L.L.N, J  T; etc.



LAMPIRAN G

APOLOGETIC SIGNS

These signs with appropriate messages shall be placed at appropriate locations in a construction site.

DIMENSIONS

As shown.

COLOUR

Reflective orange background, black lettering and border.

LETTERING

Series 2 with medium spacing.

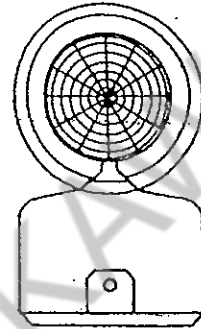


LAMPIRAN H

T. 20 WARNING LAMP

Another construction warning sign.

COLOUR: Orange / red



DOKUMEN MEJA TERKAWAL

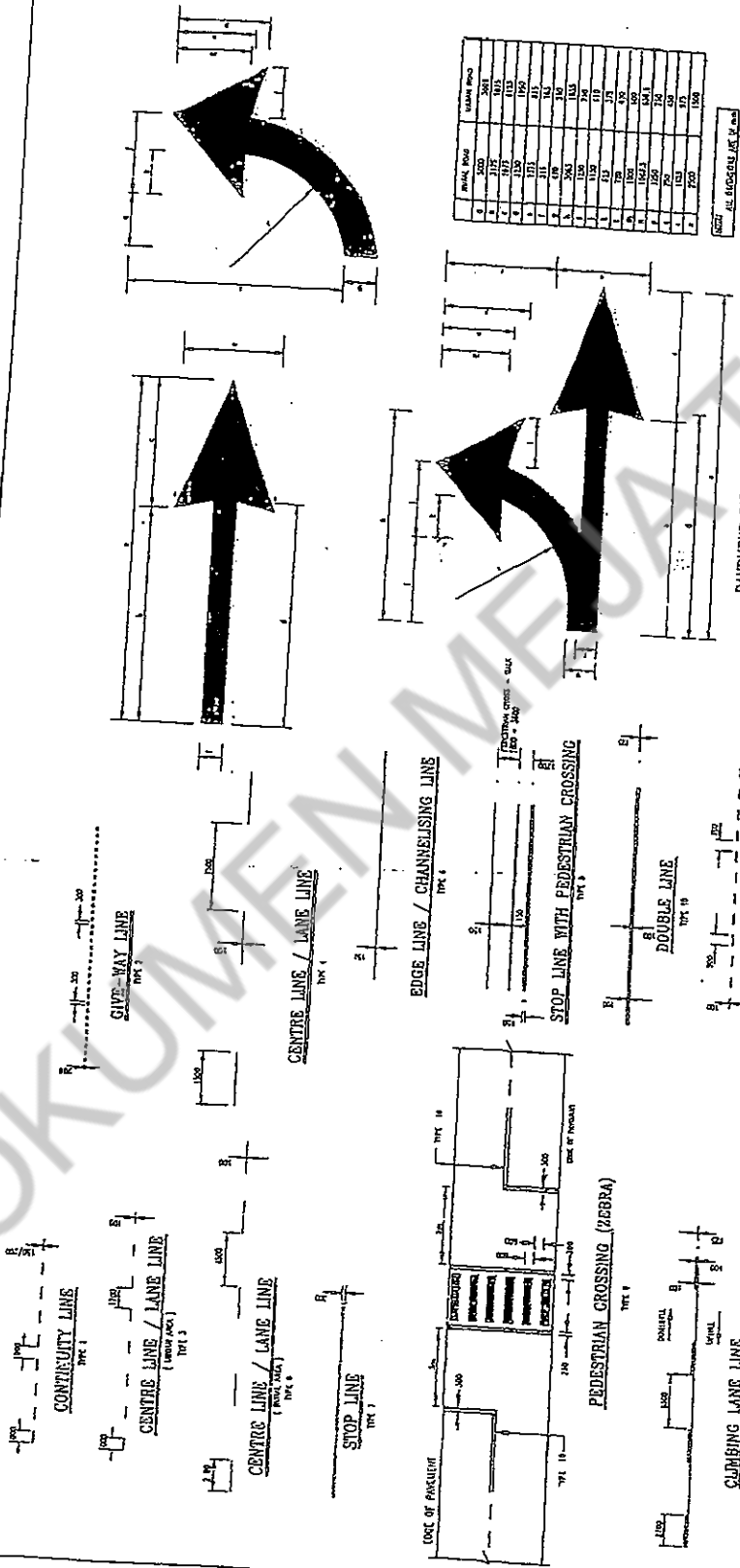


**MAMPU BERBANDARAN/KAJANG**  
 Jalan Puncak, Jalan Dampala Puncak,  
 4300 Kajang, Selangor Darul Ehsan,  
 Tel: 03-87717900 Fax: 03-87717977

**PERUMBUH SYARIF**  
 No. 7-1, Tingkat 1,  
 Jalan Ertan PD 3A, Seksyen 9,  
 13500 Bukit Mertajam,  
**JURUTERA**  
**PERUNDING**  
 No. 1, 603-033 1031  
 P-03-0333 1031

STANDARD ROAD MARKING 1

Revisi oleh	PHASE
Revisi oleh	
Revisi oleh	
Revisi oleh	



MARKING	WIDEN ROAD	WIDEN ROAD	WIDEN ROAD	WIDEN ROAD	WIDEN ROAD	WIDEN ROAD	WIDEN ROAD	WIDEN ROAD	WIDEN ROAD	WIDEN ROAD	WIDEN ROAD	WIDEN ROAD	WIDEN ROAD	WIDEN ROAD	WIDEN ROAD	WIDEN ROAD	WIDEN ROAD	WIDEN ROAD	WIDEN ROAD	WIDEN ROAD
1	2000	3000	4000	5000	6000	7000	8000	9000	10000	11000	12000	13000	14000	15000	16000	17000	18000	19000	20000	21000
2	2000	3000	4000	5000	6000	7000	8000	9000	10000	11000	12000	13000	14000	15000	16000	17000	18000	19000	20000	21000
3	2000	3000	4000	5000	6000	7000	8000	9000	10000	11000	12000	13000	14000	15000	16000	17000	18000	19000	20000	21000
4	2000	3000	4000	5000	6000	7000	8000	9000	10000	11000	12000	13000	14000	15000	16000	17000	18000	19000	20000	21000
5	2000	3000	4000	5000	6000	7000	8000	9000	10000	11000	12000	13000	14000	15000	16000	17000	18000	19000	20000	21000
6	2000	3000	4000	5000	6000	7000	8000	9000	10000	11000	12000	13000	14000	15000	16000	17000	18000	19000	20000	21000
7	2000	3000	4000	5000	6000	7000	8000	9000	10000	11000	12000	13000	14000	15000	16000	17000	18000	19000	20000	21000
8	2000	3000	4000	5000	6000	7000	8000	9000	10000	11000	12000	13000	14000	15000	16000	17000	18000	19000	20000	21000
9	2000	3000	4000	5000	6000	7000	8000	9000	10000	11000	12000	13000	14000	15000	16000	17000	18000	19000	20000	21000
10	2000	3000	4000	5000	6000	7000	8000	9000	10000	11000	12000	13000	14000	15000	16000	17000	18000	19000	20000	21000
11	2000	3000	4000	5000	6000	7000	8000	9000	10000	11000	12000	13000	14000	15000	16000	17000	18000	19000	20000	21000
12	2000	3000	4000	5000	6000	7000	8000	9000	10000	11000	12000	13000	14000	15000	16000	17000	18000	19000	20000	21000
13	2000	3000	4000	5000	6000	7000	8000	9000	10000	11000	12000	13000	14000	15000	16000	17000	18000	19000	20000	21000
14	2000	3000	4000	5000	6000	7000	8000	9000	10000	11000	12000	13000	14000	15000	16000	17000	18000	19000	20000	21000
15	2000	3000	4000	5000	6000	7000	8000	9000	10000	11000	12000	13000	14000	15000	16000	17000	18000	19000	20000	21000
16	2000	3000	4000	5000	6000	7000	8000	9000	10000	11000	12000	13000	14000	15000	16000	17000	18000	19000	20000	21000
17	2000	3000	4000	5000	6000	7000	8000	9000	10000	11000	12000	13000	14000	15000	16000	17000	18000	19000	20000	21000
18	2000	3000	4000	5000	6000	7000	8000	9000	10000	11000	12000	13000	14000	15000	16000	17000	18000	19000	20000	21000
19	2000	3000	4000	5000	6000	7000	8000	9000	10000	11000	12000	13000	14000	15000	16000	17000	18000	19000	20000	21000
20	2000	3000	4000	5000	6000	7000	8000	9000	10000	11000	12000	13000	14000	15000	16000	17000	18000	19000	20000	21000

**NOTES:**

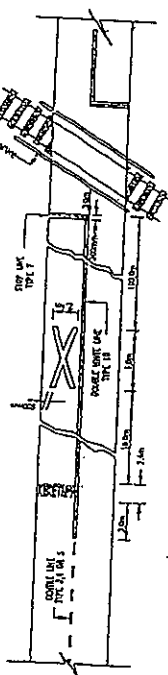
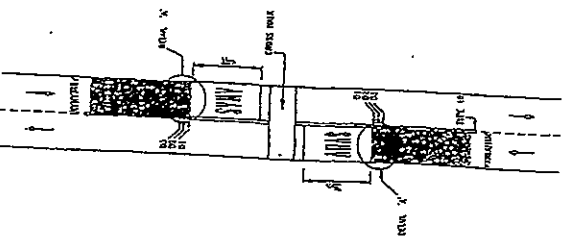
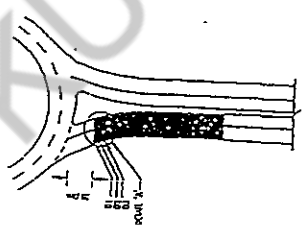
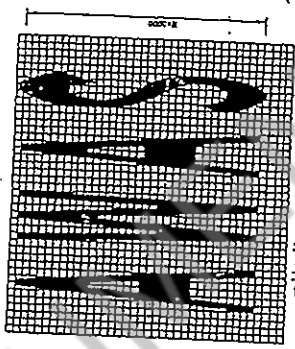
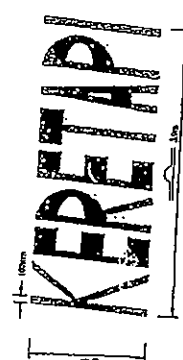
- CONTINUITY LINE (TYP. 1) IS TO BE USED AT THE BEGINNING OF A ROAD OR AT THE END OF A ROAD.
- STOP LINE (TYP. 7) IS TO BE USED AT THE BEGINNING OF A ROAD OR AT THE END OF A ROAD.
- CHEVRON HATCHING MERGING TRAFFIC (TYP. 15) IS TO BE USED AT THE BEGINNING OF A ROAD OR AT THE END OF A ROAD.
- CHEVRON HATCHING DIVERGING TRAFFIC (TYP. 17) IS TO BE USED AT THE BEGINNING OF A ROAD OR AT THE END OF A ROAD.
- PAVED SHOULDER MARKING (TYP. 18) IS TO BE USED AT THE BEGINNING OF A ROAD OR AT THE END OF A ROAD.
- YELLOW BOX MARKINGS (TYP. 19) IS TO BE USED AT THE BEGINNING OF A ROAD OR AT THE END OF A ROAD.
- PAVEMENT EDGE STRIPPING WITH ADJACENT CYCLE-TRACK (TYP. 20) IS TO BE USED AT THE BEGINNING OF A ROAD OR AT THE END OF A ROAD.
- DOUBLE LINE (TYP. 12) IS TO BE USED AT THE BEGINNING OF A ROAD OR AT THE END OF A ROAD.
- BUS STOP / BUS LAY-BY LINE (TYP. 13) IS TO BE USED AT THE BEGINNING OF A ROAD OR AT THE END OF A ROAD.
- TURN LINE (TYP. 14) IS TO BE USED AT THE BEGINNING OF A ROAD OR AT THE END OF A ROAD.
- EDGE LINE / CHANNELISING LINE (TYP. 4) IS TO BE USED AT THE BEGINNING OF A ROAD OR AT THE END OF A ROAD.
- STOP LINE WITH PEDESTRIAN CROSSING (TYP. 8) IS TO BE USED AT THE BEGINNING OF A ROAD OR AT THE END OF A ROAD.
- DOUBLE LINE (TYP. 12) IS TO BE USED AT THE BEGINNING OF A ROAD OR AT THE END OF A ROAD.
- BUS STOP / BUS LAY-BY LINE (TYP. 13) IS TO BE USED AT THE BEGINNING OF A ROAD OR AT THE END OF A ROAD.
- TURN LINE (TYP. 14) IS TO BE USED AT THE BEGINNING OF A ROAD OR AT THE END OF A ROAD.
- CHEVRON HATCHING MERGING TRAFFIC (TYP. 15) IS TO BE USED AT THE BEGINNING OF A ROAD OR AT THE END OF A ROAD.
- CHEVRON HATCHING DIVERGING TRAFFIC (TYP. 17) IS TO BE USED AT THE BEGINNING OF A ROAD OR AT THE END OF A ROAD.
- PAVED SHOULDER MARKING (TYP. 18) IS TO BE USED AT THE BEGINNING OF A ROAD OR AT THE END OF A ROAD.
- YELLOW BOX MARKINGS (TYP. 19) IS TO BE USED AT THE BEGINNING OF A ROAD OR AT THE END OF A ROAD.
- PAVEMENT EDGE STRIPPING WITH ADJACENT CYCLE-TRACK (TYP. 20) IS TO BE USED AT THE BEGINNING OF A ROAD OR AT THE END OF A ROAD.
- DOUBLE LINE (TYP. 12) IS TO BE USED AT THE BEGINNING OF A ROAD OR AT THE END OF A ROAD.
- BUS STOP / BUS LAY-BY LINE (TYP. 13) IS TO BE USED AT THE BEGINNING OF A ROAD OR AT THE END OF A ROAD.
- TURN LINE (TYP. 14) IS TO BE USED AT THE BEGINNING OF A ROAD OR AT THE END OF A ROAD.
- EDGE LINE / CHANNELISING LINE (TYP. 4) IS TO BE USED AT THE BEGINNING OF A ROAD OR AT THE END OF A ROAD.
- STOP LINE WITH PEDESTRIAN CROSSING (TYP. 8) IS TO BE USED AT THE BEGINNING OF A ROAD OR AT THE END OF A ROAD.
- DOUBLE LINE (TYP. 12) IS TO BE USED AT THE BEGINNING OF A ROAD OR AT THE END OF A ROAD.
- BUS STOP / BUS LAY-BY LINE (TYP. 13) IS TO BE USED AT THE BEGINNING OF A ROAD OR AT THE END OF A ROAD.
- TURN LINE (TYP. 14) IS TO BE USED AT THE BEGINNING OF A ROAD OR AT THE END OF A ROAD.
- CHEVRON HATCHING MERGING TRAFFIC (TYP. 15) IS TO BE USED AT THE BEGINNING OF A ROAD OR AT THE END OF A ROAD.
- CHEVRON HATCHING DIVERGING TRAFFIC (TYP. 17) IS TO BE USED AT THE BEGINNING OF A ROAD OR AT THE END OF A ROAD.
- PAVED SHOULDER MARKING (TYP. 18) IS TO BE USED AT THE BEGINNING OF A ROAD OR AT THE END OF A ROAD.
- YELLOW BOX MARKINGS (TYP. 19) IS TO BE USED AT THE BEGINNING OF A ROAD OR AT THE END OF A ROAD.
- PAVEMENT EDGE STRIPPING WITH ADJACENT CYCLE-TRACK (TYP. 20) IS TO BE USED AT THE BEGINNING OF A ROAD OR AT THE END OF A ROAD.

MAJLIS PERREMBANTAN (GALANG)  
 Momen Kerja, Kerja, Berprestasi, Berdaya Saing,  
 4000 (Gelang, Berdaya Saing, Berprestasi, Berdaya Saing)  
 Tel: 03-8577 7700 Fax: 03-8577 7707  
 ZENSTAM

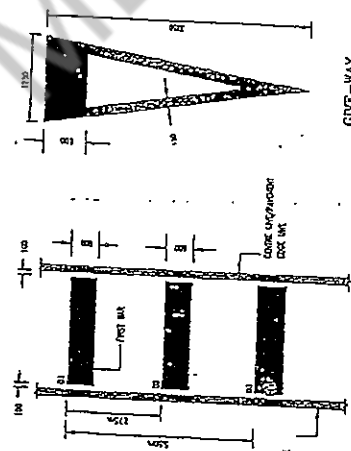
PERENCANAAN & KONSULTANSI  
 No. 7, Jalan  
 Jalan Bukit Timah, Singapore 25  
 P.O. Box 123, Singapore 112123  
 Tel: 65-434-1111 Fax: 65-434-1112  
 E-mail: info@pkp.com.sg  
**JURUTERA PERUNDING**  
 BANK RAPID

STANDARD ROAD MARKINGS 2

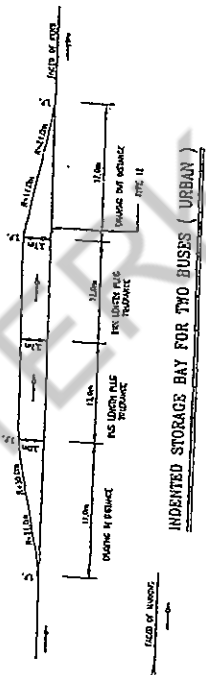
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Revisi	
Disyorkan	
Tempa	1 x 39
No. Lajikan	



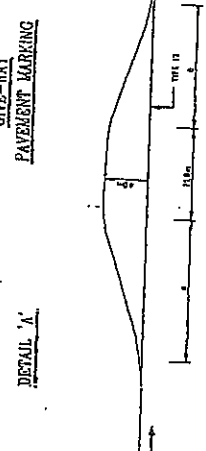
PAYMENT MARKING AT RAILWAY LEVEL CROSSING



INDENTED STORAGE BAY FOR ONE BUS (URBAN)



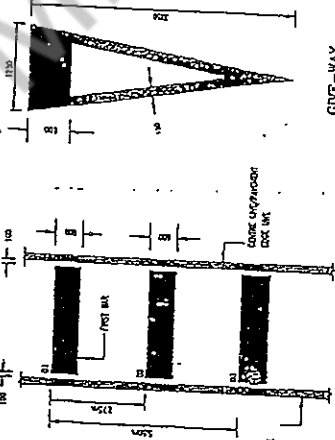
INDENTED STORAGE BAY FOR TWO BUSES (URBAN)



INDENTED STORAGE BUS-BAY (RURAL)

LOCATION OF TRANSVERSE BARS AT ROUNDABOUT APPROACH

LOCATION OF TRANSVERSE BARS AT CROSS WALK



GLT-WAY PAYMENT MARKING

NOTE:  
 1. ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE STATED.  
 2. ALL DIMENSIONS OF MARKINGS ARE TO BE MADE TO THE CENTERLINE UNLESS OTHERWISE STATED.  
 3. ALL DIMENSIONS OF MARKINGS ARE TO BE MADE TO THE CENTERLINE UNLESS OTHERWISE STATED.

KODOR (MARKING)	DIMENSION (A)	
	m	ft
1	10	33
2	12	39
3	15	49
4	18	59
5	21	69
6	24	79
7	27	89
8	30	98
9	33	108
10	36	118

Bar No.	Station (from 0)	Bar No.	Station (from 0)	Station (from 0)	Station (from 0)
01	0.00	01	1.00	01	0.00
02	1.00	02	2.00	02	1.00
03	2.00	03	3.00	03	2.00
04	3.00	04	4.00	04	3.00
05	4.00	05	5.00	05	4.00
06	5.00	06	6.00	06	5.00
07	6.00	07	7.00	07	6.00
08	7.00	08	8.00	08	7.00
09	8.00	09	9.00	09	8.00
10	9.00	10	10.00	10	9.00
11	10.00	11	11.00	11	10.00
12	11.00	12	12.00	12	11.00
13	12.00	13	13.00	13	12.00
14	13.00	14	14.00	14	13.00
15	14.00	15	15.00	15	14.00
16	15.00	16	16.00	16	15.00
17	16.00	17	17.00	17	16.00
18	17.00	18	18.00	18	17.00
19	18.00	19	19.00	19	18.00
20	19.00	20	20.00	20	19.00
21	20.00	21	21.00	21	20.00
22	21.00	22	22.00	22	21.00
23	22.00	23	23.00	23	22.00
24	23.00	24	24.00	24	23.00
25	24.00	25	25.00	25	24.00
26	25.00	26	26.00	26	25.00
27	26.00	27	27.00	27	26.00
28	27.00	28	28.00	28	27.00
29	28.00	29	29.00	29	28.00
30	29.00	30	30.00	30	29.00
31	30.00	31	31.00	31	30.00
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41	40.00	41	41.00	41	40.00
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45	44.00	45	45.00	45	44.00
46	45.00	46	46.00	46	45.00
47	46.00	47	47.00	47	46.00
48	47.00	48	48.00	48	47.00
49	48.00	49	49.00	49	48.00
50	49.00	50	50.00	50	49.00
51	50.00	51	51.00	51	50.00
52	51.00	52	52.00	52	51.00
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98	97.00	98	98.00	98	97.00
99	98.00	99	99.00	99	98.00
100	99.00	100	100.00	100	99.00