



NO. SEBUT HARGA : JKR / WPP / Q / 57 / 2026

**KERJA-KERJA PEMBAIKAN DAN PENGGANTIAN SISTEM
VACUUM CIRCUIT BREAKER (VCB) 11KV MEDIUM VOLTAGE
DAN SISTEM AIR CIRCUIT BREAKER (ACB) LOW VOLTAGE
SERTA KERJA-KERJA BERKAITAN DI BLOK SETIA PERKASA
4, KOMPLEKS SETIA PERKASA, PUTRAJAYA.**

TARIKH TUTUP : 12 Ogos 2026

SYARAT-SYARAT KELAYAKAN

Kontraktor-kontraktor yang berdaftar dengan CIDB

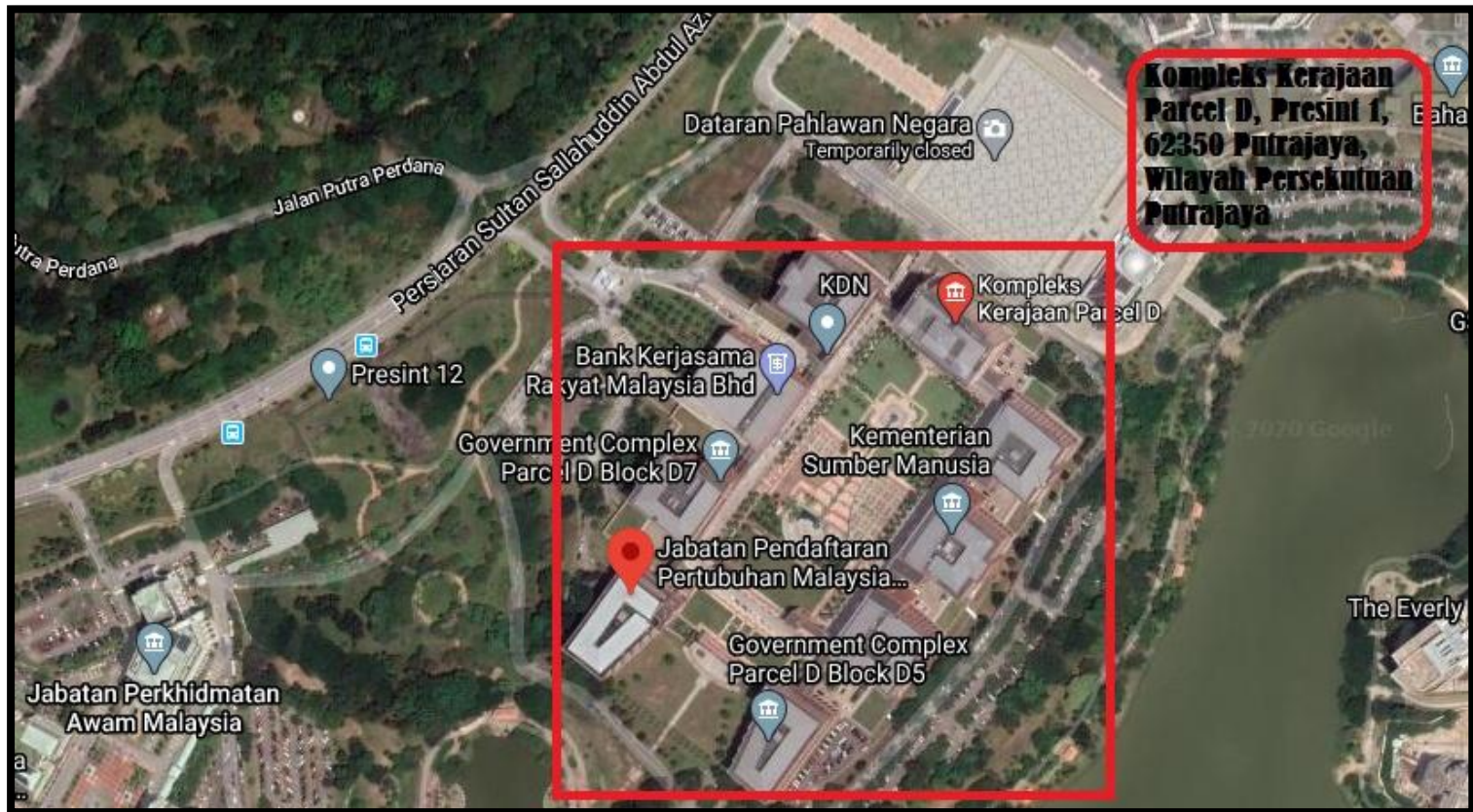
Gred : G3, G4, G5, G6, G7

Kategori : ME

Pengkhususan : E05 dan E11

Pendaftaran kontraktor yang beralamat di Wilayah Persekutuan
Kuala Lumpur, Wilayah Persekutuan Putrajaya

LOKASI BANGUNAN



MAKLUMAT BANGUNAN

BLOK	KEMENTERIAN / JABATAN
SP 1	KEMENTERIAN DALAM NEGERI (KDN)
SP 2	KEMENTERIAN DALAM NEGERI (KDN)
SP 3	KEMENTERIAN SUMBER MANUSIA (KSM)
SP 4	KEMENTERIAN SUMBER MANUSIA (KSM)
SP 5	JABATAN PERDANA MENTERI (JPM)
SP 6	KEMENTERIAN DALAM NEGERI (KDN)
SP 7	KEMENTERIAN DALAM NEGERI (KDN)
SP 8	AUDITORIUM
SP 9	KEMENTERIAN DALAM NEGERI (KDN)
SP 10	KEFETERIA / DEWAN SERBAGUNA

TARIKH-TARIKH PENTING SEBUTHARGA

TARIKH MOHON SEBUTHARGA DIBUKA	:	31 Julai 2026 HINGGA 3 Ogos 2026
MUAT TURUN DOKUMEN DI LAMAN WEB (KONTRAKTOR BERJAYA)	:	PENYEBUTHARGA YANG BERKELAYAKAN AKAN MENERIMA KATA LALUAN DAN PAUTAN UNTUK MEMUAT TURUN DOKUMEN SEBUTHARGA PADA 4 OGOS 2026 HINGGA 11 OGOS 2026
TARIKH TUTUP SEBUTHARGA	:	12 OGOS 2026 JAM : 12.00 TENGAHARI
LOKASI PENGHANTARAN SALINAN CETAK SEBUTHARGA	:	PETI SEBUT HARGA BAHAGIAN KONTRAK DAN UKUR BAHAN, JKR WILAYAH PERSEKUTUAN PUTRAJAYA, ARAS 2, BLOK F7, KOMPLEKS F, PUSAT PENTADBIRAN KERAJAAN PERSEKUTUAN, 62000 PUTRAJAYA

ARAHAN KEPADA PENYEBUTHARGA

- ❖ Penyebutharga adalah dianggap telah pun memperolehi maklumat-maklumat secukupnya dan memuaskan untuk tujuan mengemukakan sebarang tawaran harga bagi Sebutharga yang disertai.
- ❖ Penyebutharga juga adalah disyorkan untuk menjalankan segala penilaian dan pemerhatian kepada kerja-kerja yang akan diadakan, dilaksanakan dan telah pun memperolehi maklumat-maklumat penting berhubungkait, mencukupi dan memuaskan untuk tujuan mengemukakan sebarang tawaran harga bagi sebutharga yang disertai.
- ❖ Harga yang disertakan adalah termasuk segala barang, aksesori keperluan dan keselamatan bagi menyempurnakan kerja berkaitan.
- ❖ Penyebutharga digalakkan untuk membuat lawatan tapak bagi mengenalpasti keadaan/kedudukan sebenar di tapak.

SKOP TEKNIKAL & SPESIFIKASI (samb.)

Berikut adalah merupakan skop kerja bagi sebutharga ini :

- a) Supply, install and test receive Metalclad Switchgear Single Busbar Vacuum Circuit Breaker (VCB), Close Door Operation as per the specifications below l/d 1 No. Digital Power Meter, 1 No. OC & E/F Protection Relay, 1 No. Voltmeter, 1 No. Ammeter, 3 Nos 11KV/110V Class 1 100VA P.T, 3 Nos 100/5A Class 5P10 15VA C.T, 3 Nos 100/5A Class 1 15VA CT, 3 Nos 100/5A Class 1 15VA C.T, Under Voltage Relay , Arc Protection Relay, BCS / BAS System (Follow Existing System) Heater system with element, 2 Nos Indicating Light, 1 No Phase Indicator, 1 No. Healthy Trip Light & Push Button, 1 No. Local/remote S/S, 3 Nos Trip/Neutral/Close S/S, 1 Set Control Relay & Terminal Block, 1 Nos Mimic Diagram and including terminal block for BCS network link for monitoring system. **(INCOMING PANEL FROM TNB)**
- b) Supply, install and test receive Metalclad Switchgear Single Busbar Vacuum Circuit Breaker (VCB) , Close Door Operation as per the specifications below l/d 1 No. Digital Power Meter, 1 No. OC & E/F Protection Relay, 1 No. Voltmeter, 1 No. Ammeter, 3 Nos 11KV/110V Class 1, 3 Nos 100/5A Class 5P10 15VA C.T, 3 Nos 100/5A Class 1 15VA CT, 3 Nos 100/5A Class 1 15VA C.T, Under Voltage Relay , Arc Protection Relay, BCS / BAS System (Follow Existing System) Heater system with element, 2 Nos Indicating Light, 1 No Phase Indicator, 1 No. Healthy Trip Light & Push Button, 1 No. Local/remote S/S, 3 Nos Trip/Neutral/Close S/S, 1 Set Control Relay & Terminal Block, 1 Nos Mimic Diagram and including terminal block for BCS network link for monitoring system.**(OUTGOING FEEDER TO LOCAL TRANSFORMER)**

SKOP TEKNIKAL & SPESIFIKASI (samb.)

- a) Work to supply and install 12c x 2.5 mm Multicore Cable for TNB KWH meter reading system using Galvanize Cable Tray from 11KV SP 4 Panel room to TNB KWH Meter Panel
- b) Supply and install a 4-way Remote Control Box (RCB) complete with related accessories and wiring.
- c) Supply and install 30V DC 6A Charger Panel complete with 24 nos nickel cadmium battery (20AH), including control circuit wiring using 12C X 2.5mm² cable to 11KV MV Panel and heater wiring using minimum size 2C x 6mm² XLPE/SWA/PVC CU cable as well as other related work to complete the installation.
- d) Supply, install and test Air Circuit Breaker (ACB), Door Closer Operation similar as mentioned below to replace the existing installation and other related works to complete the installation.
 - ✓ - Model : AT 25 , 2500 Amp, 4 Poles - 2 Nos
 - ✓ - Model : AT 20 , 2000 Amp, 4 Poles - 1 Nos
 - ✓ - Model : AT 12 , 1250 Amp, 4 Poles - 2 Nos
- e) Carry out modification/modification of the existing busbar to complete the entire installation until the system works as it is.

SKOP TEKNIKAL & SPESIFIKASI (samb.)

- a) Supply, install and test Power Factor Regulator 5 Step, Power Factor Reactor, MCCB and Contactor as per specification at site to replace existing installation and other related works to complete installation.
- b) Supply and install Surge Protective Device (SPD) Type 1+2+3 for 3 phase (415V), Low Voltage Distribution System : TN & TT, Voltage Protection Level (up) : 600V, Rated Frequency (f) 50/60 Hz, Arrester Class : I, II, III, Discharge Current : nominal 20kA - I_{max} : 40kA as per specification at site to replace existing installation and other related works to complete installation.
- c) Supply and install Under Voltage Relay (UVR) for 3 phase (415V), 3P4W system, nominal frequency (Hz) 50Hz - 400Hz $\pm 5\%$, adjustable time delay, adjustable operate and release value as per specification at site to replace existing installation and other related works to complete installation.
- d) Supply and install Automatic Changeover Contactor Panel system between MSB 1 and MSB 2 as well as other related works to complete the installation as specified below for the replacement of the existing installation

SKOP TEKNIKAL & SPESIFIKASI (samb.)

- a) Carrying out work to repair the existing Control system Auto Change Over ACB Supply from existing Standby Building Generator Set to complete the entire installation until the system functions as it does now.
- b) Service and test MSB/SSB /DB 415V c/w conduct visual inspection, clean contamination, retighten bus bars, bushings and wiring condition.
- c) Supplying and installing standby power with a capacity of 2X500 kVA c/w Auto Synchronizing panel that was rented for the backup supply needs of Block SP4 building, throughout the transition period of electricity supply during the work of changing equipment, connecting and terminating cables carried out 2 nos x 3 days
- d) The work of supplying and installing the Electronic Modular Control Panel (EMCP) for the Genset System including the configuration of the existing Genset and EMCP Panel.

SKOP TEKNIKAL & SPESIFIKASI (samb.)

- a) Work to open and remove existing 11kv panels, air circuit breaker (ACB) and power factor regulator to a storage area designated by the S.O.
- b) Tempoh Siap Kerja

Tempoh siap kerja bagi sebutarga ini adalah tidak melebihi **DUA PULUH SATU (21) MINGGU**

SKOP TEKNIKAL & SPESIFIKASI (samb.)

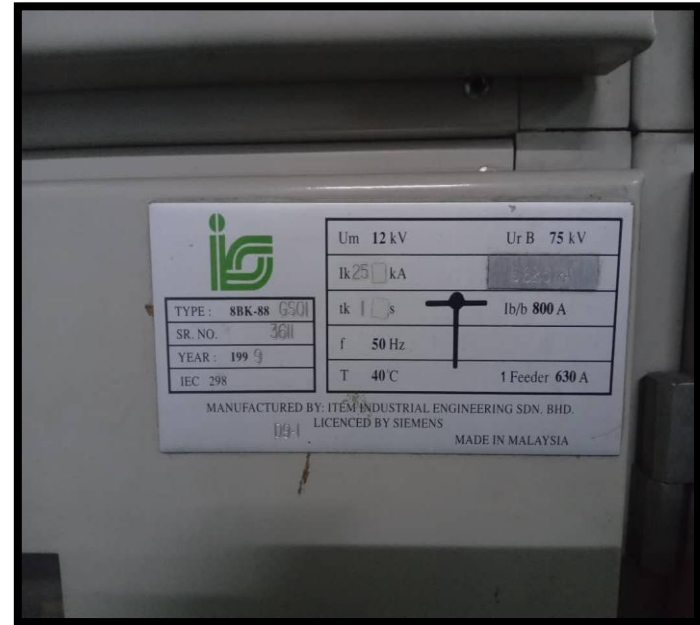
Gambar-gambar lokasi yang terlibat :



VCB PANEL 11KV DI BLOK SP4

SKOP TEKNIKAL & SPESIFIKASI (samb.)

Gambar-gambar lokasi yang terlibat :



VCB PANEL 11KV DI BLOK SP4

SKOP TEKNIKAL & SPESIFIKASI (samb.)

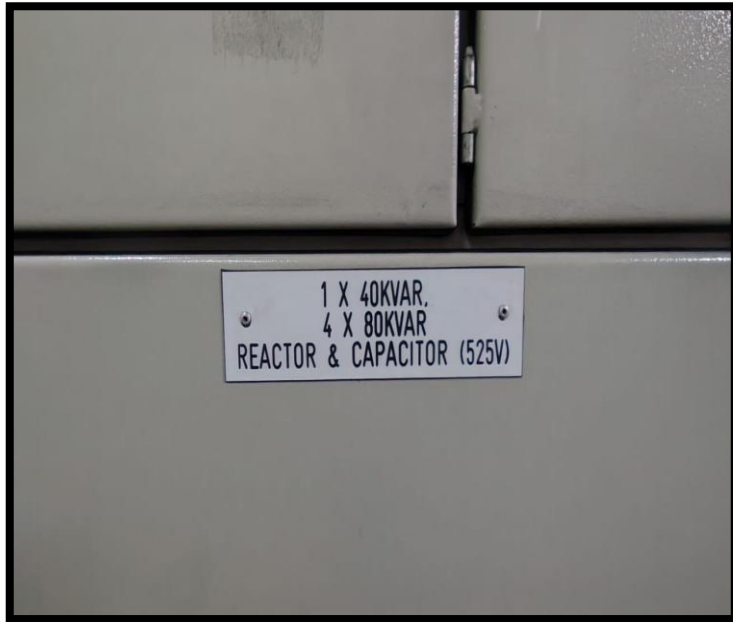
Gambar-gambar lokasi yang terlibat :



ACB 415V DI BLOK SP4

SKOP TEKNIKAL & SPESIFIKASI (samb.)

Gambar-gambar lokasi yang terlibat :



CAPACITOR BANK DI BLOK SP4

Terima kasih

JIKA TERDAPAT SEBARANG PERTANYAAN,
SILA HUBUNGI KAMI DI

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