



**JABATAN KERJA RAYA
WILAYAH PERSEKUTUAN PUTRAJAYA**

**KERJA- KERJA PENUKARAN PENYAMAN
UDARA JENIS 'VARIABLE REFRIGERANT
VOLUME' ARAS 10 DAN 11 SERTA KERJA-
KERJA BERKAITAN DI BANGUNAN
KEMENTERIAN KEWANGAN MALAYSIA, LOT
2G2, PRESINT 2, PUTRAJAYA.**

**NO. SEBUT HARGA : JKR/WPP/Q/ 15 /2024
TARIKH TUTUP : 30hb APRIL 2024**

NOTIS SEBUTHARGA

- Sebut Harga adalah dipelawa daripada Kontraktor-kontraktor yang berdaftar dengan CIDB dan mempunyai Perakuan Pendaftaran Kontraktor (PPK), Sijil Taraf Bumiputera (STB) serta Sijil Perolehan Kerja Kerajaan (SPKK) atau PPK dalam G2, Kategori ME, Pengkhususan M01 (Sistem Hawa Dingin) dan M15 (Kelengkapan Mekanikal Pelbagai) yang beralamat di Wilayah Persekutuan Putrajaya, Hulu Langat, dan Sepang sahaja adalah dipelawa untuk menyertai sebutharga ini.
- Borang Sebut Harga boleh didapati menerusi atas talian laman web <https://s3pk.jkr.gov.my/pc5/IklanDetails.aspx?refNo=PRO240401151015321> dari tarikh **24/04/2024** sehingga **29/04/2024**
- Taklimat dan lawatan tapak bina adalah **TIDAK DIWAJIBKAN.**

NOTIS SEBUTHARGA

- Dokumen Sebut Harga dalam bentuk salinan cetak (*hard copy*) yang telah diisi dengan lengkap hendaklah dikemukakan kepada JKR Wilayah Persekutuan Putrajaya dengan mendaftarkan pengembalian dokumen Sebut Harga di Kaunter Pendaftaran Aras 1 sebelum memasukkan ke dalam Peti Sebut Harga di Bahagian Kontrak Dan Ukur Bahan Aras 2 tidak lewat dari jam 12.00 tengah hari, **30hb April 2024**.
- Penyebutharga hendaklah mematuhi dan mengambil langkah-langkah proaktif untuk sentiasa mencegah penularan wabak COVID-19 yang dikeluarkan oleh pihak berkuasa bagi mematuhi Akta Pencegahan Dan Pengawalan Penyakit Berjangkit 1988 (Akta 342) dan Akta Polis 1967.

LOKASI PREMIS



**BANGUNAN KEMENTERIAN KEWANGAN MALAYSIA (LOT 2G2)
PRESINT 2 PUTRAJAYA**

SKOP KERJA



1) Aras 11 Core 2

- ***To dismantle the all old indoor and outdoor unit complete with piping and all related accessory of Air Conditioning Unit.***
- ***To dismantle incoming power supply unit and Sub-switchboard .***
- ***To remove the existing plaster ceiling to allowed bring it down the old air conditioning unit,piping and all related accessory.***
- ***To supply, deliver and install air-conditioner complete with indoor and outdoor units, wiring, stater,wired remote controller for temperature & fan speed setting, bracket, refrigerant, motors, compressors, fans, insulation, switchboard, vibration isolator and galvanized steel trunking, conduit of etc***
 - a) ***Switchboard for outdoor unit (weather proof type) c/w wiring, cabling, cable marker, conduits, etc***
 - b) ***Sub-switchboard c/w 8 nos mcb, wiring, cabling, cable marker, conduits, etc***
- ***Localised centralized controller system c/w touch screen, integration fire alarm, digital power meter (per system), layout view, schedule function with programming (temperature, working hours & days), connection with local network, extractable.***
- ***To supply one (2) set of high side & low side main copper pipe and drain pipe.***
- ***To supply one (2) set of pre-insulated PU GI jacketed VRF main pipe (suction).***
- ***Condensate water drain pipe and Condensate water down pipe.***
- ***Making good and repairing the existing plaster ceiling, make the main hole (individually unit) for the maintainance purpose.***
- ***Painting and making good all the defect during installation work.***

SKOP KERJA



- ***Ceiling Cassette Units c/w wireless remote control, drain water pump, refrigerant pipes, insulation material, interlock signal wiring using screen cable, noise silencer material, etc.***
 - a. ***Ceiling Cassette for Room 1 - 19,100 btu/hr***
 - b. ***Ceiling Cassette for Room 2 - 24,200 btu/hr***
 - c. ***Ceiling Cassette for Room 3 - 9,600 btu/hr***
 - d. ***Ceiling Cassette for Room 4 - 9,600 btu/hr***
 - e. ***Ceiling Cassette for Room 5 - 9,600 btu/hr***
 - f. ***Ceiling Cassette for Room 6 - 9,600 btu/hr***
 - g. ***Ceiling Cassette for Room 7 - 9,600 btu/hr***
 - h. ***Ceiling Cassette for Room 8 - 9,600 btu/hr***

- ***To supply and install one (1) set of Condensing Units c/w condenser coils (hydrophilic coated), fans, motor, compressor, Digital Scroll, filter drier, sight glass, isolation valve, service valve, concrete plinth, refrigerant piping, pipe insulation, etc for:***
 - a. ***CU 1 -114,000 btu/hr***

- ***Other works necessary for complete installation of the above system include coring of floor, wall, hacking, digging, drilling, etc. and making good.***

- ***Testing and Commissioning***

- ***Preventive Maintenance Service During DLP Period***

SKOP KERJA

2) Aras 10 Core 2



- ***To dismantle the all old indoor and outdoor unit complete with piping and all related accessory of Air Conditioning Unit.***
- ***To dismantle incoming power supply unit and Sub-switchboard .***
- ***To remove the existing plaster ceiling to allowed bring it down the old air conditioning unit,piping and all related accessory.***
- ***To supply, deliver and install air-conditioner complete with indoor and outdoor units, wiring, stater,wired remote controller for temperature & fan speed setting, bracket, refrigerant, motors, compressors, fans, insulation, switchboard, vibration isolator and galvanized steel trunking, conduit of etc***
 - a) ***Switchboard for outdoor unit (weather proof type) c/w wiring, cabling, cable marker, conduits, etc***
 - b) ***Sub-switchboard c/w 8 nos mcb, wiring, cabling, cable marker, conduits, etc***
- ***Localised centralized controller system c/w touch screen, integration fire alarm, digital power meter (per system), layout view, schedule function with programming (temperature, working hours & days), connection with local network, extractable.***
- ***To supply one (2) set of high side & low side main copper pipe and drain pipe.***
- ***To supply one (2) set of pre-insulated PU GI jacketed VRF main pipe (suction).***
- ***Condensate water drain pipe and Condensate water down pipe.***
- ***Making good and repairing the existing plaster ceiling, make the main hole (individually unit) for the maintainance purpose.***
- ***Painting and making good all the defect during installation work.***

SKOP KERJA



- ***Ducted Fan Coil Units c/w wired controller, refrigerant pipes, insulation material, interlock signal wiring using screen cable, noise silencer material, etc.***
 - a. ***FCU for Dewan Makan - 54,600 btu/hr (2 unit)***
- ***To supply and install one (1) set of Condensing Units c/w condenser coils (hydrophilic coated), fans, motor, compressor, Digital Scroll, filter drier, sight glass, isolation valve, service valve, concrete plinth, refrigerant piping, pipe insulation, etc for:***
 - a. ***CU 1 -114,000 btu/hr***
- ***Other works necessary for complete installation of the above system include coring of floor, wall, hacking, digging, drilling, etc. and making good.***
- ***Testing and Commissioning***
- ***Preventive Maintenance Service During DLP Period***

SKOP KERJA

- **KERJA-KERJA PENUKARAN VARIABLE SPEED DRIVE (VSD)**
- **To dismantle the all old unit complete with all related accessory of Variable Speed Drive Unit.**
- **To Supply,deliver and install Variable Speed Drive complete with all related accessory, as well as cable connection work, configuration and device settings until ready for use. Loc :-**
 - **1) AHU L6.6 (Aras 5, Core 4) - 11 kW**
 - **2) Staicase pressuression Fan (Tank Room Aras 9, Core 5) - 7.5 kW**
- **Testing and Commissioning**
- **Preventive Maintenance Service During DLP Period**
- **(-) Salvage value for existing unit**

VRF Outdoor Unit yang terletak di balkoni aras 12



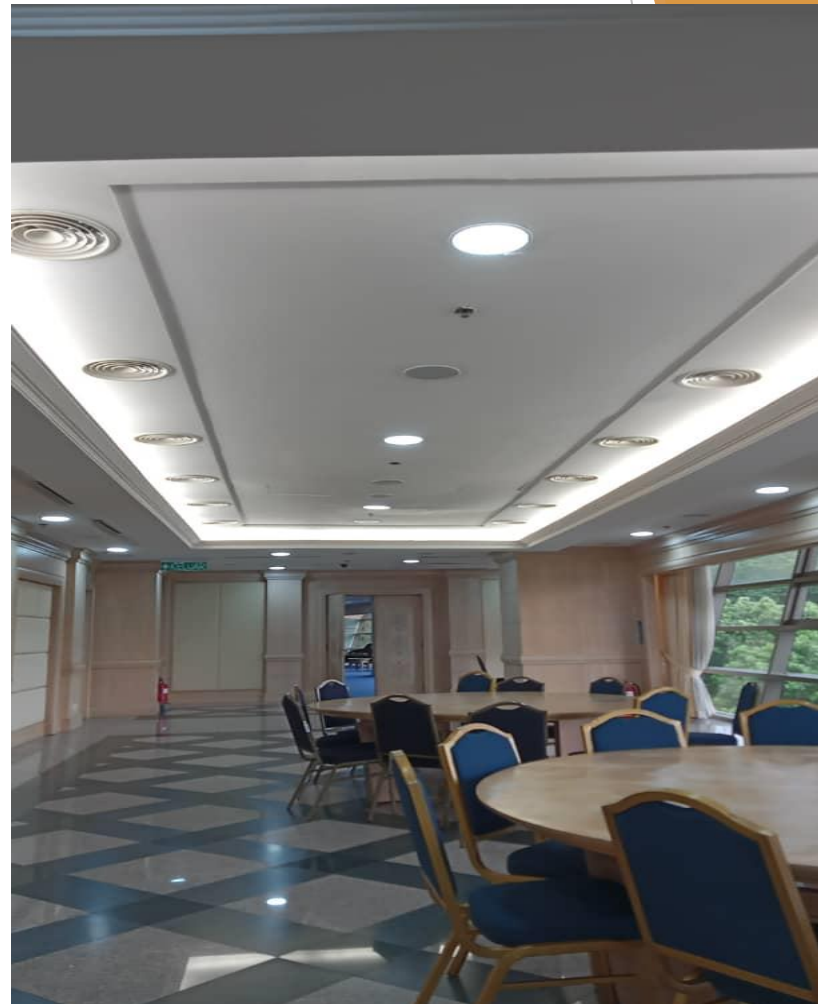
VRF Indoor Unit (Cassette Type) sebanyak 8 unit yang terletak di ruang pejabat Aras 11



VRF Outdoor Unit yang terletak di bilik aci aras 10



VRF Indoor Unit (Ducted Fan Coil Unit) sebanyak 2 unit yang terletak di ruang pejabat Aras 10



Variable Speed Drive AHU L6.6 (Aras 5, Core 4)- 11Kw



Variable Speed Drive Staircase Pressuression Fan (Bilik Tangki Aras 5, Core 5)- 7.5Kw





INFO TAMBAHAN

Sebarang pertanyaan boleh menghubungi :

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**SEKIAN
TERIMA
KASIH**

