

## JADUAL KADAR HARGA

BIL	HURAIAN	UNIT	KADAR HARGA (RM)
	<b><u>C) PENYELENGGARAAN SISTEM PENGHAWA DINGIN BERPUSAT</u></b>		
	<b><u>Chiller</u></b>		
	<b><u>Non-Comprehensive Type Service (Bilangan A - C)</u></b>		
A	<b><u>Preventive Monthly Maintenance For Carrier Water Cooled Chiller 30XV-V 252</u></b>  Kerja-kerja penyelenggaraan bulanan untuk <i>Carrier Water Cooled Chiller 30XV-V 252</i> di bilik loji penghawa dingin. Skop kerja terlibat : 1) Memeriksa dan merekod data operasi penyejuk ( <i>chiller</i> ) yang merangkumi analisis parameter bagi operasi <i>evaporator &amp; condenser approach temperature, pressure, motor winding temperature &amp; thrust bearing temperature.</i> 2) Memeriksa dan memastikan suis keselamatan dan sistem kawalan penyejuk ( <i>chiller</i> ) berada dalam keadaan baik dan normal ketika penyejuk berada dalam keadaan ' <i>standby mode</i> ' 4) Membersih dan memeriksa sambungan bekalan kuasa elektrik unit panel kawalan VFD sesuai dengan standard prosedur pencegahan kejutan elektrik ketika sistem penyejuk ( <i>chiller</i> ) berada pada <i>mode OFF.</i> 5) Memeriksa sistem pelincir dan minyak <i>compressor.</i> 6) Menjalankan ujian kecil kebocoran ( <i>test leak</i> ) pada bahagian luaran sistem penyejuk pemampat jika terdapat keadaan tidak normal dan memerlukan 7) Menjalankan kerja-kerja pembersihan luaran. 8) Menghadirkan diri jika terdapat aduan pada waktu kerja Isnin - Jumaat : 0815 - 1730 9) Menyediakan laporan berformat bulanan.	Lot	1,300.00
	<b><u>Non-Comprehensive Type Service</u></b>		
B	<b><u>Water pump Condenser Water Set</u></b>	Lot	80.00
C	<b><u>Water pump Chilled Water Set</u></b>	Lot	80.00
	Kerja-kerja penyelenggaraan bulanan untuk motor pam di bilik loji penghawa dingin. Skop kerja terlibat : 1) Memeriksa penjajaran motor dan pam ( <i>alignment</i> ) jika terdapat getaran yang tidak normal. 2) Memeriksa <i>mechanical seal and gland pack</i> jika terdapat kebocoran atau keadaan tidak normal. 3) Memeriksa keadaan bearing motor pam serta melincirkan dengan minyak gris dengan kualiti bersesuaian. 4) Memeriksa dan mengetatkan bolt dan nut berkaitan. 5) Memeriksa keadaan pum dan motor <i>spring isolator / rubber pad.</i> 6) Menjalankan kerja-kerja pembersihan luaran. 7) Menghadirkan diri jika terdapat aduan pada waktu kerja Isnin - Jumaat : 0815 - 1730 8) Menyediakan laporan berformat bulanan.		
	<b><u>Non-Comprehensive Type Service (Bilangan A - H)</u></b>		
	<b><u>Annual Preventive Service Maintenance For Carrier Water Cooled Chiller 30XV-V 252 :</u></b>		
	Kerja-kerja penyelenggaraan tahunan untuk <i>Carrier Water Cooled Chiller 30XV-V 252</i> di bilik loji hawa dingin.		
D	<i>Synthetic Screw Compressor Oil (18 liters + 4 liters)</i>	Lot	9,800.00
E	<i>Oil Filter</i>	NOS	2,800.00
F	<i>O-rings</i>	NOS	300.00
G	<i>Filter Drier Core</i>	NOS	500.00
H	<i>Nylon Brush</i>	NOS	300.00
J	<i>Refrigerant Gas R134A (13.6kgs) HFC FRESCO</i>	NOS	800.00
K	<i>Chemical Supersol</i>	Lot	2,000.00

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A	<p>Menyediakan kelengkapan peralatan dan tenaga pekerja tenaga kerja mahir/separa mahir bagi menjalankan kerja-kerja <b>Annual Preventive Yearly Shutdown Service</b> bagi perkhidmatan servis, menyelenggara, menguji dan pentauliahan sistem penyejuk (<i>chiller</i>) sehingga kembali beroperasi normal.</p> <p>Skop kerja terlibat :</p> <ol style="list-style-type: none"> <li>1) Mengeluarkan minyak <i>compressor</i> terpakai.</li> <li>2) Memasang dan mengganti baru <i>oil filter, O-ring &amp; filter drier core</i>.</li> <li>3) Memasukkan <i>Chemical Supersol</i>.</li> <li>4) Membuka dan pasang semula penutup kondenser, tabung penapis minyak, tutup dan buka semula <i>Gate Valve</i> serta kerja berkaitan. .</li> <li>5) Menjalankan kerja-kerja ujian tekanan dan pemeriksaan kebocoran.</li> <li>6) Memasukkan minyak <i>compressor</i>.</li> <li>7) Memeriksa dan menambah Refrigerant R134a.</li> <li>8) Menguji dan mentauliah sistem penyejuk (<i>chiller</i>) sehingga kembali beroperasi</li> <li>9) Menjalankan kerja-kerja pembersihan bilik loji penghawa dingin berpusat (<i>chiller room</i>).</li> </ol> <p><b>C) PENYELENGGARAAN SISTEM PENGHAWA DINGIN BERPUSAT</b></p> <p><b><u>Chiller</u></b></p> <p><b><u>ALAT GANTI PADA KELENGKAPAN CHILLER</u></b></p> <p><u>Membekal dan memasang komponen dan alat ganti <i>Chiller Compressor</i> untuk :-</u></p>	Borong	3,500.00
B	<i>Temperature Sensor</i>	NOS	3,600.00
C	<i>High Pressure Sensor</i>	NOS	1,800.00
D	<i>Low Pressure Sensor</i>	NOS	1,800.00
E	<i>High Pressure Switch</i>	NOS	3,800.00
F	<i>Cooler Flow Switch Sensor</i>	NOS	4,900.00
G	<i>Differential PressureControl Switch Johnson Control</i>	NOS	2,300.00
H	<i>Compressor Gasket 4"</i>	NOS	1,300.00
J	<i>Compressor Gasket 5"</i>	NOS	1,500.00
K	<i>Compressor – 06TT</i>	NOS	230,000.00
L	<i>EXT – Electronic Expansion Valve</i>	NOS	60,000.00
M	<i>EXV Card</i>	NOS	8,000.00
N	<i>Air Vent Valve</i>	NOS	2,000.00
P	<i>Cast Iron S-Pattern Globe Valve Flanged End Size 6"</i>	NOS	6,000.00
<b><u>ALAT GANTI KELENGKAPAN BUILDING AUTOMATION SYSTEM (BAS)</u></b>			
Q	<i>8-Port 10/100M Ethernet Switch Complete With 8 x 10/100BaseT(X) Ports, Store &amp; Forward, Redundant 24VDC Power Input &amp; Relay Output Warning Alarm. (3OneData / IES318)</i>	NOS	3,000.00
R	<i>24VDC Power Supply Unit (60 W)</i>	NOS	500.00
S	<i>Expansion Direct Digital Controller Complete With 2 x RS-485 LAN Port, 6 x UI, 6 x DI, 5 x AO, 6 x DO, Support up to 64 I/O Pointsl &amp; 24VDC Power Supply Input. (Pegasus / ECM6656150) (For AHU Control Panel) Pegasus dan setaraf dengannya.</i>	NOS	3,500.00
T	<i>Water Temperature Sensor Including Welding &amp; Jacketing Works (Pegasus / EPIT002000)</i>	NOS	800.00
U	<i>Air Duct Temperature Sensor. (Pegasus / EPDT002000)</i>	NOS	500.00
V	<i>Water Flow Switch Including Welding &amp; Jacketing Works. (Pegasus / DPS 35CH)</i>	NOS	1,000.00
W	<i>Air Differential Pressure Switch For Filter Dirty Monitoring. (Pegasus / P-DP500NP-D-D)</i>	NOS	500.00
X	<i>Air Differential Pressure Switch For Air Flow Monitoring (Pegasus / P-DP500NP-D-D)</i>	NOS	600.00
Y	<i>Digital Thermostat Complete With Touch Screen Operator Display LCD, Room Temperature Sensor &amp; RS-485 Communication For Monitoring &amp; Controlling ACSU (Pegasus / EDH3321012)Type Wired Controller Locate at Split Unit</i>	NOS	980.00
Z	<i>Water Level Transmitter Complete With LCD Display &amp; RS-485 Communication. (Pegasus / P-WL130EP-S-W) Locate at Chiller Room or Water Tank</i>	NOS	7,000.00
AA	<i>Differential Water Pressure Controller Complete With LCD Display &amp; RS-485 Communication. (Pegasus / ECH2322540) Locate at Chiller Room</i>	NOS	2,000.00
AB	<i>Flow / BTU Meter (ULTRASONIC CLAMP ON BTU Meter) Complete With LCD Display &amp; RS-485 Communication Including Welding &amp; Jacketing Works. (Pegasus / P-BM910CG-S-C) Locate at Chiller Room</i>	NOS	12,000.00

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BIL	HURAIAN	UNIT	KADAR HARGA (RM)
	<b>ALAT GANTI KELENGKAPAN BUILDING AUTOMATION SYSTEM (BAS) -</b>		
A	<i>Cabling &amp; Installation Works For Input / Output Points - Digital Output Points Using 2 x 1.5 mm sq PVC Cable Including Wiring Modification Works and Tagging.</i>	NOS	350.00
B	<i>Cabling &amp; Installation Works For Input / Output Points - Digital Input Points Using Screened Twisted Pair Cable Including Wiring Modification Works and Tagging.</i>	NOS	350.00
C	<i>Cabling &amp; Installation Works For Ethernet Controller Using Cat 5E Cables and Tagging.</i>	NOS	350.00
D	<i>Cabling &amp; Installation Works For RS-485 Controller Using Screened Twisted Pair Cable and Tagging For BMS Station Panel</i>	NOS	600.00
E	<i>Cabling &amp; Installation Works For 4 Core SM Fiber Optic Cable (Indoor)</i>	METER	100.00
	<b><u>C) PENYELENGGARAAN SISTEM PENGHAWA DINGIN BERPUSAT</u></b>		
	<b><u>Air Handling Unit (AHU)</u></b>		
F	Kerja-kerja penyelenggaraan dan pembersihan sistem penghawa dingin jenis <i>Air Handling Unit (AHU)</i> di Pejabat/Aset MPSJ (Kerja-kerja penyelenggaraan seperti membersihkan <i>filter, fan bower, flushing drainage pipe, motor blower</i> dan aksesori kecil seperti <i>skru, bolt, gasket</i> dan sebagainya. Adalah disarankan kontraktor melakukan kerja - kerja penyelenggaraan 3 kali setahun iaitu pada bulan Februari, Jun dan Oktober).	SET	200.00
G	Kerja-kerja pembersihan <i>Strainer</i> untuk <i>Pipe Chilled Water</i> atau <i>Pipe Condenser Water</i> .	SET	80.00
	<b><u>Condenser Tube</u></b>		
H	Kerja-kerja pembersihan bahagian dalam Tiub Kondenser pada Sistem <i>Chiller 1</i> dan Sistem <i>Chiller 2</i> di bilik loji hawa dingin. (Kerja-kerja membersihkan tiub menggunakan penjolok khas <i>Nylon Brush</i> untuk membuang kotoran. Adalah disarankan kontraktor melakukan kerja - kerja penyelenggaraan 2 kali setahun iaitu pada bulan Februari dan Ogos)	SET	1,000.00
	<b><u>Non-Comprehensive Type Service (Bilangan C - D)</u></b>		
	<b><u>Cooling Tower / Water Treatment</u></b>		
J	Kerja-kerja penyelenggaraan <i>Cooling Tower</i> merawat air seperti mencuci bahagian dalam <i>cooling tower pan</i> , menukar air, analisis air, memeriksa fan motor, memeriksa fan belting dan fan blade, melincir motor dengan minyak gris serta perkara yang berkaitan.	SET	1,000.00
K	Kerja-kerja membekal, mengisi <i>chemical</i> dan menganalisis proses rawat air untuk setiap 3 bulan pada <i>Chiller</i> dan <i>Condensor</i> penghawa dingin berpusat dengan menggunakan <i>Water Treatment</i> dan menguji <i>PH control</i> , anti fungus dan anti kakisan. Kontraktor perlu menyediakan laporan.	SET	1,000.00
L	<i>Pembaikan kebocoran tangki Fibreglass menggunakan bahan Fibreglass FRP repair kit seperti Hardener, Fibreglass Matt, Resin dan yang berkaitan.</i>	M2	600.00
	<b><u>Water Pump</u></b>		
M	Kerja-kerja penyelenggaraan pada <i>Chiller Water Pump</i> dan <i>Condensor Water Pump</i> termasuk sistem piping dan menambah minyak gris pada motor lengkap. (Adalah disarankan kontraktor melakukan kerja - kerja penyelenggaraan 2 kali setahun iaitu pada bulan Mac dan September)	SET	400.00
N	Kerja-kerja pembersihan untuk <i>Diffuser Grill supply air</i> atau <i>return air Grill</i> saluran udara di aset bangunan MPSJ.	SET	40.00
	<b><u>Control Panel Starter Board</u></b>		
P	Kerja-kerja pemeriksaan, penyelenggaraan dan baikpulih kerosakan kecil ( <i>tripping</i> ) untuk <i>Control Panel Starter Board</i> jenis <i>Autotrans, Soft Starter, Star Delta</i> termasuk semua komponen dan pendawaian elektrik pada sistem penghawa dingin, sistem pam dan sistem ventilasi tidak termasuk penukaran alat ganti serta memberi laporan ke atas kerosakan lain.	SET	200.00
Q	Kerja-kerja pemeriksaan, penyelenggaraan dan baikpulih kerosakan kecil ( <i>tripping</i> ) untuk <i>Inverter Control Unit VSD</i> termasuk semua komponen dan pendawaian elektrik pada sistem Chiller tidak termasuk penukaran alat ganti serta memberi laporan ke atas kerosakan lain.	SET	800.00

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BIL	HURAIAN	UNIT	KADAR HARGA (RM)
	<b><u>SISTEM PENCEGAH KEBAKARAN</u></b>		
A	<i>Servicing and comprehensive maintenance as herein provided shall be furnished by the Contractor Maintainance inclusive, after inspections and service have been performed and report thereon has been submitted to the Superintending Officer. Kadar harga mengikut kuantiti FIRE ALARM PANEL dalam setiap bangunan.</i>  1) <i>Inspect the console, automatic and manual fire alarm system</i> 2) <i>Inspect the Hydrant, Hose Reel, Booster Pump System and:</i> 3) <i>Inspect the whole sprinkler system and:</i> 4) <i>Inspect all equipment smoke detector, heat detector</i>	Lot	2,000.00
	<b><u>C) ALAT GANTI PENGHAWA DINGIN BERPUSAT</u></b>		
B	<i>To Supply Compressor Oil</i>	Liter	70.00
C	<i>To Supply 13.5Kg R22 atau R410A R 32- Gas Cylinder Storage</i>	SET	700.00
D	<i>Replace Pump Coupling Disc Set</i>	SET	750.00
E	<i>Overhaul shaft motor</i>	SET	700.00
F	<i>Install Thermostat Honeywell</i>	SET	300.00
G	<i>Replace Filter Core Dryer model P 9611 ( for Chiller)</i>	SET	500.00
H	<i>Install Round Diffuser</i>	SET	300.00
J	<i>Rewinding and Overhaul Motor up to 15Hp c/w dismantle &amp; installation</i>	SET	3,500.00
K	<i>Replace new water booster pump and motor 1HP - 3 HP</i>	SET	1,800.00
L	<i>Install Brass Ball Float Valve at Water Tank or Cooling Tower</i>	SET	800.00
M	<i>Install Stainless Steel Ball Float Valve at Water Tank or Cooling Tower</i>	SET	1,500.00
P	<i>Install Sensor Floatless c/w wiring connection for Water Booster Pump</i>  <i>To Replace Belting V-Belt / SPZ with cross sectional (package type)</i>	SET	800.00
Q	<i>up to 3/8" (FCU/AHU 10HP)</i>	NOS	90.00
R	<i>up to 5/8" (FCU/AHU 12.5HP hingga 20HP)</i>	NOS	150.00
S	<i>up to 7/8" (AHU 25 HP hingga 60HP)</i>	NOS	180.00
T	<i>SPB 4250 ( Belting Cooling Tower)</i>  <i>To Supply and Install PVC Trunking (per meter)</i>	NOS	350.00
U	<i>3/4"</i>	M	8.00
V	<i>1"</i>	M	18.00
W	<i>1 1/4"</i>	M	20.00
X	<i>1" x 2"</i>	M	25.00
Y	<i>2" x 2"</i>	M	30.00
Z	<i>2" x 4"</i>	M	35.00
AA	<i>3" x 4"</i>	M	40.00

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BIL	HURAIAN	UNIT	KADAR HARGA (RM)
<b><u>C) ALAT GANTI PENGHAWA DINGIN BERPUSAT</u></b>			
<i>To Replace New Coupling For Motor</i>			
A	1.0Hp – 3.0Hp	SET	110.00
B	3.5Hp – 5.0Hp	SET	170.00
C	7.5Hp – 10.0Hp	SET	350.00
D	12.5Hp – 20.0Hp	SET	500.00
E	<i>To Replace Timer Delay Relay</i>	SET	100.00
F	<i>To Replace Cooling Tower Gear Box Oil ( Per lit.)</i>	SET	30.00
G	<i>To Replace Flow Delay Control</i>	SET	420.00
H	<i>To Replace Rubber Expansion Joint For Chiller And Condensor Pipe</i>	SET	550.00
J	<i>To Replace Rubber Expansion Joint Pipe/per meter</i>	SET	40.00
K	<i>To Replace Water Strainer FRP Cooling Tower</i>	SET	350.00
L	<i>To Replace Solenoid Valve Control (SCEM = 1/4" Ø - 7/8" Ø )</i>	SET	290.00
<i>To Replace New Pulley For Motor :</i>			
M	<i>Pulley 1 SPZ 1060 - 160/1610 c/w pulley bush</i>	SET	150.00
N	<i>Pulley 2 SPZ all model c/w pulley bush</i>	SET	340.00
P	<i>Pulley Type B1 NBK all model</i>	SET	300.00
Q	<i>Pulley Type B2 NBK all model</i>	SET	600.00
<i>To Replace Cooling Tower Fan Blade/FRP type:</i>			
R	55 - 70 tons	SET	1,000.00
S	75 - 100 tons	SET	1,200.00
T	125 - 150 tons	SET	1,500.00
<i>To Replace Sprinkler Head :</i>			
U	55 - 70 tons	SET	650.00
V	75 - 100 tons	SET	700.00
W	125 - 150 tons	SET	850.00
<i>Membekal dan memasang Chemical Automatic Dosing</i>			
X	Capacity 5 Liter/Hr at 5 bar Chemical dosage Diaphragm metering pump c/w chemical, dosage pump, wiring control panel with Timer 24hours weekly at PVC Enclose Box, conduit, liquid hose, 100 litres PE tank and all other necessary accessories.	SET	6,500.00
Y	<i>Membekal dan memasang Dosing Pump Type Diaphragm Metering Pump 5 Litres/Hr@5 bar 250V complete with installation kit accessories.</i>	SET	3,000.00
Z	<i>Membekal dan memasang Cylindrical Water Tank HDPE with Open&amp;Close Door Closer 100 Gallons@450 Litres</i>	SET	700.00

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BIL	HURAIAN	UNIT	KADAR HARGA (RM)
<b><u>C) ALAT GANTI PENGHAWA DINGIN BERPUSAT</u></b>			
<i>To Replace Blower Fan Bearing (Pillow Block Bearing) :</i>			
A	1.0Hp - 3.0Hp	SET	200.00
B	3.5Hp - 5.0Hp	SET	300.00
C	5.5Hp - 7.0Hp	SET	330.00
D	7.5Hp - 10.0Hp	SET	360.00
E	15.0Hp - 20.0Hp	SET	400.00
F	25.0Hp - 30.0Hp	SET	480.00
<i>To Replace Roller Bearings Of The Motor :</i>			
G	1.0Hp – 2.5Hp	SET	230.00
H	3.0Hp – 5.0Hp	SET	280.00
J	7.5Hp – 10.0Hp	SET	360.00
K	12.5Hp – 20.0Hp	SET	460.00
<i>To Overhaul Repairing And Renewing The Bearing and Gasket Of Pump :</i>			
M	1.0Hp - 5.0Hp	SET	750.00
N	5.5Hp - 7.0Hp	SET	900.00
P	7.5Hp - 10.0Hp	SET	1,000.00
Q	10.5Hp - 15.0Hp	SET	1,500.00
R	15.5Hp - 20.0Hp	SET	2,000.00
S	20.5Hp - 30.0Hp	SET	2,500.00
<i>To Replace TXV (Expansion Valve) for Chiller :</i>			
T	60 - 70 tons	SET	2,000.00
U	75 - 100 tons	SET	2,800.00
V	110 - 120 tons	SET	3,000.00
W	145 - 150 tons	SET	3,500.00
<i>To Check and Repair Leak Excluding Charging of Refrigerant of Units :</i>			
X	60 - 70 tons	SET	360.00
Y	75 - 100 tons	SET	420.00
Z	110 - 120 tons	SET	470.00
AA	145 - 150 tons	SET	510.00
AB	<i>To Replace Rubber Coupling Bushes and bolt &amp; nut( per pc.)</i>	SET	30.00
AC	<i>To Replace New Drip Pan: for cooling coil</i>	SET	80.00
AD	<i>To Supply and Install 'Honeywell Temperature Controller ' for Chiller. ( Water Cooled Chiller )</i>	SET	12,500.00

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BIL	HURAIAN	UNIT	KADAR HARGA (RM)
	<b><u>C) ALAT GANTI PENGHAWA DINGIN BERPUSAT</u></b>		
	<i>Membekal dan memasang Valve Untuk Sistem Paip Air Chiller</i>		
A	Butterfly Valve Lever Operated 50mm (2inch) hingga 80mm (3inch)	SET	800.00
B	Butterfly Valve Lever Operated 100mm (4inch)	SET	900.00
C	Butterfly Valve Lever Operated 150mm (6inch)	SET	2,000.00
D	Butterfly Valve Gear Operated 50mm (2inch) hingga 80mm (3inch)	SET	2,500.00
E	Butterfly Valve Gear Operated 100mm (4inch)	SET	2,800.00
F	Butterfly Valve Gear Operated 150mm (6inch)	SET	3,600.00
G	Valve Strainer 50mm (2inch) hingga 80mm (3inch)	SET	800.00
H	3 Way Motorized Valve 50mm (2inch) hingga 80mm (3inch)	SET	8,600.00
J	Motorized Control Valve Actuators	SET	2,800.00
	<b><i>Membekal dan memasang AHU atau FCU unit jenis Water Cooled</i></b>		
	<i>Double Skin Chilled Water AHU/ FCU c/w cooling coils, evaporator fans, air filter c/w frame &amp; media filter, controller, thermostat, pressure gauge, gate valves, strainers, flexible connection, base plate, plinth and all other installation work in AHU Room. Acson dan setaraf dengannya.</i>		
K	AHU (524,500 Btu/h, 16,000cfm)	Lot	52,000.00
L	AHU (468,900 Btu/h, 14,000cfm)	Lot	45,000.00
M	AHU (296,700 Btu/h, 13,000cfm)	Lot	34,000.00
N	FCU (51,500 Btu/h, 2,500cfm)	Lot	15,000.00
P	FCU (160,000 Btu/h, 4,000cfm)	Lot	23,000.00
Q	AHU (496,000 Btu/h, 14,500cfm)	Lot	50,000.00
	<i>Membekal dan memasang Sesalur Udara (Ducting works) Untuk Sistem Pengudaraan</i>		
R	<i>Galvanised Steel Sheet Metal Duct Works (Thickness sheet 0.8mm to 1.2mm) c/w fittings, heavy duty glue connection, hangers, and other necessary accessories. External Insulation PE Foam (Thickness insulation 10mm)</i>	M2	400.00
S	<i>Galvanised Steel Sheet Metal Duct Works (Thickness sheet 0.8mm to 1.2mm) c/w fittings, heavy duty glue connection, hangers, and other necessary accessories. Internal Insulation PE Foam (Thickness insulation 1 inch)</i>	M2	500.00
T	<i>Galvanised Steel Sheet Metal Duct Works (Thickness sheet 0.8mm to 1.2mm) c/w fittings, heavy duty glue connection, hangers, and other necessary accessories. External and Internal Insulation PE Foam (Thickness insulation 10 mm)</i>	M2	500.00
U	<i>Galvanised Steel Sheet Metal Duct Works c/w fittings, heavy duty glue connection, hangers, and other necessary accessories. External and Internal Insulation PE Foam (Thickness insulation 1 inch)</i>	M2	600.00
V	<i>Pre Fabricated Duct Works c/w fittings, connections, hangers, and other necessary accessories. Insulation PU Rigid Foam</i>	M2	180.00
W	<i>Install Fire Damper (Fusible Ink)</i>	M2	450.00
X	<i>Install Fire Damper (Motorized)</i>	M2	1,200.00
Y	<i>Pressure stabiliser Damper</i>	M2	1,200.00
Z	<i>Supply and install Flexible Ducting c/w Fibreglass 8 / 10 / 12 inch diameter, fitting collar, heavy duty glue connection, steel wire hangers and other necessary.</i>	NOS	200.00
AA	<i>Drain Pan Tray For Fan Coil Unit (FCU) fabricated by galvanised steel, powder coated anti corrosion, foam insulation, outlet pipe, hangers and other necessary.</i>	M2	700.00
AB	<i>External Insulation PE Foam (Thickness 10mm) c/w fittings, heavy duty glue</i>	M2	250.00
AC	<i>External Insulation PE Foam (Thickness 1 inch) c/w fittings, heavy duty glue</i>	M2	500.00
AD	<i>External Insulation Fibreglass c/w Aluminium Foil (Thickness 10 mm) c/w fittings, heavy duty glue connection.</i>	M2	400.00
AE	<i>External Insulation Fibreglass c/w Aluminium Foil (Thickness 1 inch) c/w fittings, heavy duty glue connection.</i>	M2	450.00

## JADUAL KADAR HARGA

BIL	HURAIAN	UNIT	KADAR HARGA (RM)
	<i>Membekal dan memasang Sesalur Udara Jenis Fabric (Fabric Ducting works) Untuk Sistem Pengudaraan</i>		
A	<i>To supply and install <b>950mm (DIA) half round shape</b> PRIHODA or equivalent fabric duct system c/w PMS material 100% polyester certified to European standard EN 13501-1 &amp; contained Myhijau Mark with <b>fabric thickness of 0.30mm, aluminium reinforcing tyres c/w perforation, zippers, Full Special Printing</b> (entire printing to whole duct) required by architect &amp; etc to complete the system as drawing specified.</i>	M2	1,500.00
B	<i>To supply and install <b>900mm (DIA) half round shape</b> PRIHODA or equivalent fabric duct system c/w PMS material 100% polyester certified to European standard EN 13501-1 &amp; contained Myhijau Mark with <b>fabric thickness of 0.30mm, aluminium reinforcing tyres c/w perforation, zippers, Full Special Printing</b> (entire printing to whole duct) required by architect &amp; etc to complete the system as drawing specified.</i>	M2	1,200.00
C	<i>To supply and install <b>900mm (DIA) full round shape</b> PRIHODA or equivalent fabric duct system c/w PMS material 100% polyester certified to European standard EN 13501-1 &amp; contained Myhijau Mark with <b>fabric thickness of 0.30mm, aluminium reinforcing tyres c/w perforation, zippers, Full Special Printing</b> (entire printing to whole duct) required by architect &amp; etc to complete the system as drawing specified.</i>	M2	2,500.00
D	<i>To supply &amp; install mounting material complete with aluminium profile, aluminium profile connector straight, aluminium profile hanger, tensioner in profile, plastic-coated wire hanger, <b>half round inlet 900mm</b>, crossbar, textile band special &amp; etc to complete the system as drawing specified.</i>	M2	800.00
E	<i>To supply &amp; install mounting material complete with aluminium profile, aluminium profile connector straight, aluminium profile hanger, tensioner in profile, plastic-coated wire hanger, crossbar, <b>square inlet (700mm x 700mm)</b>, textile band special &amp; etc to complete the system specified as drawing.</i>	M2	950.00
F	<i>To supply &amp; install mounting material complete with aluminium profile, aluminium profile connector straight, aluminium profile hanger, tensioner in profile, plastic-coated wire hanger, crossbar, <b>square inlet (650mm x 650mm)</b>, textile band special &amp; etc to complete the system specified as drawing.</i>	M2	900.00
	<i>Membekal dan memasang Paip Air Galvanised Iron / Steel Class 'C' complete with fittings, brackets and hangers bersaiz</i>		
G	<i>Diameter 1/2inch hingga 3/4 inch</i>	M	70.00
H	<i>Diameter 1inci hingga 1 1/2 inci</i>	M	80.00
J	<i>Diameter 2 inch hingga 2 1/2 inch</i>	M	100.00
K	<i>Diameter 3 inch</i>	M	200.00
L	<i>Diameter 4 inch</i>	M	300.00
M	<i>Diameter 5 inch</i>	M	400.00
N	<i>Diameter 6 inch</i>	M	500.00
P	<i>Diameter 8 inch</i>	M	600.00
Q	<i>Diameter 10 inch</i>	M	700.00
	<i>Membekal dan memasang 25mm Thickness Rubber Compound piping insulation complete with fittings untuk paip bersaiz</i>		
R	<i>Diameter 1/2inch hingga 1 1/2 inch</i>	M	40.00
S	<i>Diameter 2 inch hingga 3 inch</i>	M	80.00
T	<i>Diameter 4 inch hingga 6 inch</i>	M	120.00
U	<i>Diameter 8 inch hingga 10 inch</i>	M	150.00
	<i>Membekal dan memasang 25mm Thickness PU Jacketing piping insulation complete with galvanised steel, fittings and other necessary untuk paip bersaiz</i>		
V	<i>Diameter 2 inch hingga 3 inch</i>	M	100.00
W	<i>Diameter 4 inch hingga 6 inch</i>	M	200.00
X	<i>Diameter 8 inch hingga 10 inch</i>	M	300.00