

MAKLUMAT SPESIFIKASI KERJA (SKOP TERPERINCI)

Tajuk Projek : CADANGAN KONTRAK PERKHIDMATAN DAN PENYELENGGARAAN SISTEM PENYAMAN UDARA UNTUK TEMPOH SATU (1) TAHUN DI UiTM CAWANGAN KELANTAN KAMPUS MACHANG KELANTAN DARUL NAIM.

Keterangan : 3 - ITEM POPULAR SERVIS DAN PEMBAIKAN
ITEM POPULAR SERVIS DAN PEMBAIKAN

BIL	KETERANGAN	KUANTITI	UNIT	KADAR HARGA	JUMLAH (RM)
	ITEM POPULAR SERVIS				
	SPLIT UNIT				
1	Servicing indoor of all type Split Unit air conditioner (c/w to clean air filter,clean indoor body,check electrical control (MCB/MCCB),check & tighten starter or transformer,inspect drain water pump,check remote control batteries and replace if necessary,check supply air temperature & record data service/jobsheet.				
	a) 1.0 Hp	1	Nos		
	b) 1.5 Hp	1	Nos		
	c) 2.0 Hp	1	Nos		
	d) 2.5 Hp	1	Nos		
	e) 3.0 Hp	1	Nos		
	f) 3.5 Hp	1	Nos		
	g) 4.0 Hp	1	Nos		
	h) 5.0 Hp	1	Nos		
	i) 6.0 Hp	1	Nos		
2	Servicing outdoor of all type Split Unit air conditioner (c/w to clean condenser using water, clean outdoor body with cloth & soap,check & tighten screw of mounting,check & tighten cooper pipe (flare nut),to take running Ampere & refrigerant pressure (suction & discharge) & record data service/jobsheet.				
	a) 1.0 Hp	1	Nos		
	b) 1.5 Hp	1	Nos		
	c) 2.0 Hp	1	Nos		
	d) 2.5 Hp	1	Nos		
	e) 3.0 Hp	1	Nos		
	f) 3.5 Hp	1	Nos		
	g) 4.0 Hp	1	Nos		
	h) 5.0 Hp	1	Nos		
	i) 6.0 Hp	1	Nos		

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BIL	KETERANGAN	KUANTITI	UNIT	KADAR HARGA	JUMLAH (RM)
3	Servicing & To clear drain pipe blockage of all type Split Unit air conditioner & record data service/jobsheet.				
	a) 1.0 Hp	1	Nos		
	b) 1.5 Hp	1	Nos		
	c) 2.0 Hp	1	Nos		
	d) 2.5 Hp	1	Nos		
	e) 3.0 Hp	1	Nos		
	f) 3.5 Hp	1	Nos		
	g) 4.0 Hp	1	Nos		
	h) 5.0 Hp	1	Nos		
	i) 6.0 Hp	1	Nos		
	CENTRAL UNIT- WATER COOLED PACKAGED & AIR COOLED SCREW CHILLER-DUNHAM BUSH)				
	To inspect and servicing the Chiller, Chilled Water Pump (CHWP), Condenser Water Pump (CWP), Air Handling Unit (AHU), Fan Coil Unit (FCU) Air Conditioning Central System .Record data service/jobsheet.and complete with accessories				
4	BANGUNAN PENTADBIRAN				
	a. Cooling Tower (Model CTA 125 UN)	1	Nos		
	b. Air Handling Unit (AHU)	1	Nos		
	c. Condenser Water Pump c/w Motor	1	Nos		
5	BANGUNAN PERPUSTAKAAN				
	a. Chiller 1 & 2 complete with Condenser Motor	1	Nos		
	b. CHWP Pump- 20 Hp	1	Nos		
	c. AHU	1	Nos		
	CENTRAL UNIT- (AIR COOLED SPLIT DUCTED BLOWER)				

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BIL	KETERANGAN	KUANTITI	UNIT	KADAR HARGA	JUMLAH (RM)
	To inspect, service & cleaning the Air Cooled Split Ducted Blower System (c/w to clean condenser using water, clean outdoor body with cloth & soap, check & tighten screw of mounting, check & tighten cooper pipe (flare nut), to take running Ampere & refrigerant pressure (suction & discharge) & record data service/jobsheet and complete with accessories .				
6	BANGUNAN DEWAN PROFESIONAL				
	a. Ducted Blower 35Hp-40Hpp	1	Nos		
	b. Outdoor Unit 10Hp-12.5Hp	1	Nos		
7	BANGUNAN PUSAT ISLAM				
	a. Ducted Blower 15Hp	1	Nos		
	b. Outdoor Unit 15Hp	1	Nos		
8	BANGUNAN PENTADBIRAN -PRIMEIR LOUNGE				
	a. Ducted Blower 15 Hp	1	Nos		
	b. Outdoor Unit 15Hp	1	Nos		
9	BANGUNAN AKADEMIK B				
	a. Ducted Blower 10Hp	1	Nos		
	b. Outdoor Unit 10Hp	1	Nos		
10	BANGUNAN PUSAT PELAJAR				
	a. Ducted Blower 30Hp	1	Nos		
	b. Outdoor Unit 15Hp	1	Nos		
11	BANGUNAN AKADEMIK D -AUD 100, AUD 200 & AUD 300				
	a. Ducted Blower 8-15Hp	1	Nos		
	b. Outdoor Unit 8-15Hp	1	Nos		
	ITEM POPULAR PEMBAIKAN				
	POPULAR ITEMS (in-door accessory)				
12	To replace 18 Amp D.O.L starter set	1	Nos		
13	To replace external drainage water pump	1	Nos		

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BIL	KETERANGAN	KUANTITI	UNIT	KADAR HARGA	JUMLAH (RM)
14	To replace switch On/Off 20 Amp c/w led light	1	Nos		
15	Remote control (wired) for any brand (c/w cable & installation)	1	Nos		
16	Remote control (wireless) for any brand included 2pcs battery.	1	Nos		
17	To replace sensor coil	1	Nos		
18	To replace water pump ceiling cassette type (built in)	1	Nos		
19	Blower Fan Capacitor				
	a) 1.0 uf	1	Nos		
	b) 1.8 uf	1	Nos		
	c) 2.0 uf	1	Nos		
	d) 3.5 uf	1	Nos		
20	To replace new Blower Fan Motor c/w testing and commissioning.				
	a) 1.0 hp	1	Nos		
	b) 1.5 hp	1	Nos		
	c) 2.0 hp	1	Nos		
	d) 2.5 hp	1	Nos		
	e) 3.0 hp	1	Nos		
21	To replace PC Board for Non -Inverter (indoor):				
	a) 1.0 hp	1	Nos		
	b) 1.5 hp	1	Nos		
	c) 2.0 hp	1	Nos		
	d) 2.5 hp	1	Nos		
	e) 3.0 hp	1	Nos		
22	Replace 2 nos of new Battery size AAA for remote control	1	Nos		
23	To replace Ceiling Cssette Drain Pan				
	a) 2.0 hp	1	Nos		
	b) 2.5 hp	1	Nos		
	c) 3.0 hp	1	Nos		

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ITEM POPULAR SERVIS DAN PEMBAIKAN

BIL	KETERANGAN	KUANTITI	UNIT	KADAR HARGA	JUMLAH (RM)
	d) 3.5 hp	1	Nos		
	e) 4.0 hp	1	Nos		
	e) 5.0 hp	1	Nos		
24	To replace Wall Mounted Drain Pan				
	a) 1.0 hp	1	Nos		
	b) 1.5 hp	1	Nos		
	c) 2.0 hp	1	Nos		
	d) 2.5 hp	1	Nos		
	e) 3.0 hp	1	Nos		
	POPULAR ITEMS (out-door Accessories)				
25	To replace Compressor Terminal Wire of all size of Compressor.	1	Nos		
26	Compressor Capacitor				
	a) 25 uf	1	Nos		
	b) 30 uf	1	Nos		
	c) 35 uf	1	Nos		
	d) 40 uf	1	Nos		
	e) 45 uf	1	Nos		
	f) 50 uf	1	Nos		
	g) 60 uf	1	Nos		
27	Condenser Fan Capacitor				
	a) 1.5 uf	1	Nos		
	b) 1.8 uf	1	Nos		
	c) 3.0 uf	1	Nos		
	d) 3.5 uf	1	Nos		
	e) 4.0 uf	1	Nos		
	f) 6.0 uf	1	Nos		
28	To replace overload compressor:				
	a) 1.0 Hp	1	Nos		
	b) 1.5 Hp	1	Nos		

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BIL	KETERANGAN	KUANTITI	UNIT	KADAR HARGA	JUMLAH (RM)
29	To top-up Refrigerant R-22				
	a) 1.0 - 1.5 Hp	1	Nos		
	b) 2.0 - 2.5 Hp	1	Nos		
	c) 3.0 - 3.5 Hp	1	Nos		
	d) 4.0 Hp	1	Nos		
	e) 5.0 Hp	1	Nos		
	f) 6.0 Hp	1	Nos		
30	To top-up Refrigerant R-410a				
	a) 1.0 - 1.5 Hp	1	Nos		
	b) 2.0 - 2.5 Hp	1	Nos		
	c) 3.0 - 3.5 Hp	1	Nos		
	d) 4.0 Hp	1	Nos		
	e) 5.0 Hp	1	Nos		
	f) 6.0 Hp	1	Nos		
31	To top-up Refrigerant R-32a				
	a) 1.0 - 1.5 Hp	1	Nos		
	b) 2.0 - 2.5 Hp	1	Nos		
	c) 3.0 - 3.5 Hp	1	Nos		
	d) 4.0 Hp	1	Nos		
	e) 5.0 Hp	1	Nos		
	f) 6.0 Hp	1	Nos		
32	To replace access valve of all size	1	Nos		
33	To replace capillary tube c/w strainer:				
	a) 1.0 hp	1	Nos		
	b) 1.5 hp	1	Nos		
	c) 2.0 hp	1	Nos		
	d) 2.5 hp	1	Nos		
	e) 3.0 hp	1	Nos		
34	To replace new Condenser Fan Motor c/w testing and commissioning:				

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BIL	KETERANGAN	KUANTITI	UNIT	KADAR HARGA	JUMLAH (RM)
	a) 1.0 hp	1	Nos		
	b) 1.5 hp	1	Nos		
	c) 2.0 hp	1	Nos		
	d) 2.5 hp	1	Nos		
	e) 3.0 hp	1	Nos		
35	To replace Hermatic Rotary / Reciprocating Compressor:				
	a) 1.0 hp	1	Nos		
	b) 1.5 hp	1	Nos		
	c) 2.0 hp	1	Nos		
	d) 2.5 hp	1	Nos		
	e) 3.0 hp	1	Nos		
36	To replace PC Board for Non -Inverter (Outdoor)				
	a) 1.0 hp	1	Nos		
	b) 1.5 hp	1	Nos		
	c) 2.0 hp	1	Nos		
	d) 2.5 hp	1	Nos		
	e) 3.0 hp	1	Nos		
	POPULAR ITEMS (AIRCOLLED CHILLER)				
37	ELECTRICAL ACCESSORIES				
	a. 110V, 8 PIN RELAY	1	Nos		
	b. FUSE, 16A	1	Nos		
	c. SOLENOID VALVE, 5/8	1	Nos		
38	REFRIGERANT, FILTER & OIL				
	a. DUNHAM-BUSH DHB-021 COMPRESSOR OIL	1	Liter		
	b. REFRIGERANT R134 a	1	kg		
	c. FILTER CORE	1	Nos		
39	CONDENSER FAN MOTOR				
	a. Electrical Motor fan Condenser (3 hp)	1	Nos		

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BIL	KETERANGAN	KUANTITI	UNIT	KADAR HARGA	JUMLAH (RM)
	b. Propeller Fan Blade	1	Nos		
JUMLAH (RM)					