

MAKLUMAT SPESIFIKASI KERJA (SKOP TERPERINCI)

Tajuk Projek : KONTRAK PERKHIDMATAN PENYELENGGARAAN SISTEM PENYAMAN UDARA BAGI TEMPOH SATU TAHUN DI
UiTM CAWANGAN TERENGGANU KAMPUS BUKIT BESI, TERENGGANU.

Keterangan : 3 - ITEM POPULAR

BIL	KETERANGAN	UNIT	HARGA (RM)
1	Top-up Refrigerant R-22 :		
	i) 1.0 Hp - 1.5 Hp	per refill	
	ii) 2.0 Hp - 2.5 Hp	per refill	
	iii) 3.0 Hp - 3.5 Hp	per refill	
2	To clear drain pipe blockage by flashing-up with nitrogen gas	nos	
3	To replace Blower Fan Belt for all size	nos	
4	To replace capillary tube c/w strainer		
	ii) 2.0 Hp	nos	
5	To replace filter dryer (Danfoss) :		
	i) 1/2"	nos	
	ii) 3/4"	nos	
6	To replace all type WCPU parts :		
	i) motor	nos	
7	To do overhaul c/w chemical cleaning		
	i) Wall mounted type	nos	
8	To supply, testing and commissioning compressor of split unit air conditional system as per technical specification :		
	i) 18,000-24,000 Btu/hr	nos	
9	To replace new compressor for AHU.		
	i) 5.5 Hp	nos	
10	To replace high/low pressure switch	nos	
11	To replace Condenser Fan Motor :		
	i) 7,500-13,000 Btu/hr	nos	
12	Condenser Fan Capasitor		
	i) 2.5 uf	nos	
	i) 4.5 uf	nos	
13	Remote control		
	i) Daikin	nos	
14	To replace standard air filtering element for :		
	i) 2.5 Hp	nos	

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15	To replace Cooling Tower parts :		
	i) Fan Assembly	nos	
	ii) V-belt and pully system	nos	
16	Refrigerant Copper Pipe :		
	i) Diameter 1/4"	meter	
17	To replace indicator (pilot) light bulb c/w housing	nos	
18	Service Valve of all size	nos	
19	To replace PC board for Non-Inverter		
	i) 1.0 Hp	nos	
	ii) 2.5 Hp	nos	
20	PVC cable :		
	i) 2.5 mm	meter	
21	PVC Trunking		
	i) 2"x2"	meter	
22	To supply& install NEW unit of aircond including piping, wiring and all accessories (Brand Acson or equivalent)		
	i) wireless remote wall mounted - 12,000 btu/hr	nos	
	i) wireless remote floor standing- 42,000 btu/hr	nos	
23	To supply & install Air Curtain Model :		
	i) DAC 408C	nos	
24	To replace thermostat		
	i) Eletronic operated thermostat	nos	
25	To do overhaul c/w chemical cleaning for indoor & outdoor WCSU	nos	
26	To replace 18 Amp D.O.L starter set	nos	
27	To replace wire cable in metal conduit or trunking c/w fittings per meter run :		
	i) 4 x 1.5mm PVC c/w earthing	meter	
28	To replace complete set new Auto-trans switch board c/w on/off push button, isolator and other accessories :		
	i) 5.0 kw to 6.0 kw	nos	
29	To replace rubber bellow pipe :		

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BIL	KETERANGAN	UNIT	HARGA (RM)
	i) 6" diameter	nos	
30	Water heater & Cooler parts (water cooler machine) :		
	i) heater	nos	
31	To overhaul water pump including replacement of bearings, mechanical seal, re-machine shaft/impeller & alignment.	nos	
32	G.I bracket for ducting support	nos	
33	To replace compressor terminal wire of all size of compressor	nos	
34	To replace PVC drain pipe:		
	i) diameter 3/4"	nos	
35	To replace new compressor for AHU system c/w modification tube and pipe :		
	i) 5.5 Hp	nos	
36	To modified and install Heat Exchanger c/w pipe capacity :		
	i) 4-10 Hp	1 set	
37	To Modified capillary tube all size for AHU system	1 lot	
38	To request specialist AHU system for checking and re-confirm problem AHU system	1 lot	
39	To modification and welding ACC AHU system	1 lot	
40	To check electrical supply, contactor, wires and rectify fault	nos	
41	To check discharge compression pressure	nos	
42	To inspect surface and clean, check evaporator drive	nos	
43	To supply manpower, tools, materials and equipment to perform descaling condense coil work, flush condenser coil with water, clean unit strainer, check unit refrigerant charge (top up if necessary), check unit run ampere, record unit performance and testing/commissioning.		
	i) Water Cooled Package Unit (WCPU)	nos	
	ii) Water Cooled Split Unit (WCSU)	nos	
44	To conduct condenser water treatment AS PER CHEMICAL SUPPLIER METHOD OF STATEMENT including on-site standard water analysis test.		
	ii) Cooling Tower - 125 HRT (one set)	nos	
	iii) Cooling Tower - 600 HRT (one set)	nos	
45	Standby during special event within office hour :		
	b) Supervisor/Technician	psn/hr	

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BIL	KETERANGAN	UNIT	HARGA (RM)
	c) Skill worker/Formen	psn/hr	
46	Standby during special event during public holiday hour :		
	b) Supervisor/Technician	psn/hr	
	c) Skill worker/Formen	psn/hr	
JUMLAH (RM)			