

MAKLUMAT SPESIFIKASI KERJA (SKOP TERPERINCI)

Tajuk Projek : Cadangan Naiktaraf Dewan Kuliah 1 Dan Dewan Kuliah 2 Serta 3 Unit Ruang Parkir Berbumbung DI MASMED, UiTM Shah Alam, Selangor Darul Ehsan.

Keterangan : 4.1 - Kerja-Kerja Mekanikal Aircond
Semua ringkasan tawaran hendaklah dibaca bersama-sama lukisan dan spesifikasi tambahan yang disediakan.

BIL	KETERANGAN	UNIT	HARGA (RM)
1	NEW AIR-CONDITIONING WORKS		
	The price entered in this schedule shall be for the supplying, testing and commissioning of the complete new air conditioning system and other ancillary equipment in accordance with the requirement of the specifications and drawing together with one (1) year @ six (6) times free maintenance and guarantee as specified.		
1.1	To supply and install complete set of New Inverter Air-Cooled Split Unit c/w indoor and outdoor unit, R410A or R32, refrigerant, copper piping system, insulated refrigerant pipe include Hacking & Conceal, PVC trunking c/w accessories. To complete the insulation, painting, labeling, control wiring (3x4mm ²) include earthing in PVC conduit / PVC flexible conduit / PVC trunking, wired remote controller and accessories etc.		
	- The brackets air conditioning unit must be install from ceiling/roof/wall structure.		
	i. Ceiling Cassette Type: -		
	4.0 Hp Approxi (8 Set)	L/S	
	Brand Offered: _____		
1.2	To supply and install complete set of iron bracket for all indoor unit and outdoor unit c/w bolt, nut and rubber mounting for absorb the vibration.	L/S	
1.3	To supply and install PVC drain pipe with 20mm and/or connect to PVC drain pipe with 40mm approved by SIRIM c/w insulation from indoor air conditioner to nearest drain include Hacking & Conceal and/or 1"x1" and/or 2"x2" PVC trunking c/w other accessories.	L/S	
1.4	To supply and install Air Conditioning Identity Sticker for indoor and outdoor air conditioning .Font size 14 should be use for the sticker tagging.	L/S	
	Indoor unit:-		
	i) Name of Contractor : _____		
	ii) Series No. : _____		
	iii) Model No. : _____		
	vi) Capacity Air Cond : _____		
	v) No. Unit : _____		
	vi) Installation Date : _____		

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BIL	KETERANGAN	UNIT	HARGA (RM)
	Outdoor unit:-		
	i) Name of Contractor : _____		
	ii) Series No. : _____		
	iii) Model No. : _____		
	vi) Capacity Air Cond : _____		
	v) No. Unit : _____		
	vi) Installation Date : _____		
1.5	POWER AND ELECTRICAL WORKS		
	Dewan Kuliah		
1.5.1	To supply and install DOL Starter Control Panel 4 in 1 metal clad c/w wiring from existing DB Air Cond using 3x4mm ² include ecc run in G.I. conduit / G.I. PVC coated flexible conduit / Hot Dipped Galvanised trunking, c/w other accessoriess. All electrical works inclusive of all necessary equipment to run the system. The power supply should be taken from new DB and must be getting approval from UiTM Supervision Officer (S.O.). Approximate (2 Nos)	L/S	
1.5.2	To provide 6 times service and maintenance work to be carried out during the guarantee period of twelve (12) month from the date of handing over of split unit air conditioning	L/S	
1.6	MISCELLANEOUS		
1.6.1	Plastering all damage ceiling during the installation work and making good of any damage to the wall or floor surface, sealing up of any undesirable penetration with regards to the dismantling works and removal of debris and cleaning up of the area and passive fire barrier material and sealents on wall and floor penetrations. To match existing material, paint and colour.	L/S	
1.7	TESTING AND COMMISSIONING		
1.7.1	Complete testing and commissioning of the above system witnessed by UiTM Superintendent Officer (S.O.) c/w provide the test result full report.	L/S	
1.8	AS-BUILT DRAWING, O&M AND WARRANTY CARD		
1.8.1	To Compile and Submit 3 set Hard Cover Binding C/w Soft copy in autocad format in 2 Tera Penderive	L/S	
1.9	OTHERS (Please Notify)		

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BIL	KETERANGAN	UNIT	HARGA (RM)
1.9.1	Any scope of work if important and not include inside this schedule summary or drawing, thefore must be included inside this summary such as below:-	L/S	
	i) _____		
	ii) _____		
	iii) _____		
	All of material must be follows the existing sizing and needs informed to Superintendent Officer (S.O.) if haven change before doing the works.		
JUMLAH (RM)			