



PB/CMU/Q/2026-2027/05

ONE (1) YEAR TERM CONTRACT FOR REPAIRWORKS OF AIR-CONDITIONING AT POLITEKNIK BRUNEI, LUMUT CAMPUS, BELAIT DISTRICT

ITEM	DESCRIPTION	UNITS	RATE
	<p>LIGHT FITTING, FAN AND OTHER ACESSORIES APPROVED BY D.E.S</p> <p>QUANTITY IN THE B.Q ARE PROVISIONAL ONLY AND SUBJECTED TO FINAL MEASUREMENT ON SITE ON COMPLETION OF WORKS</p> <p>Supply all labour, tools, equipment and materials including, scaffolding, transportation to the following repair and installing works to its good working condition and to current good practice or to the S.O satisfaction</p> <p>NOTES: -</p> <p>Contractor should first provide primary checking/ troubleshooting report before starting the maintenance/ replacing parts. This include the condenser (for an outdoor unit) or air handler/furnace (indoor unit), checking gas pressure, the energy load, thermostat (cooling control), fan blower belt for excessive slack, damage, or breakage, check the coils and filter if they are caked with dust or debris and other necessary works required.</p>		
A	LIGHT FITTING, FAN AND OTHER ACESSORIES APPROVED BY DES		
A1	To supply and delivery the following Spare Parts for Split Units: -		
a)	Compressor Starting Relay	NO	\$ 220.00
b)	Fan Motor Bush	NO	\$ 90.00
c)	Fan Motor Bearing	NO	\$ 70.00
d)	Compressor Thermal Overload	NO	\$ 90.00
e)	Filter Drier		
	6.4mm dia	No	\$ 150.00
	9.5mm dia	No	\$ 160.00
	12.7mm dia	No	\$ 180.00
	15.8mm dia	No	\$ 190.00
	20.2mm dia	No	\$ 200.00

ITEM	DESCRIPTION	UNITS	RATE
f)	High Pressure Switch	no	\$ 200.00
g)	Low Pressure Switch	no	\$ 200.00
h)	Service Valve/Charging Port	no	\$ 60.00
i)	Wired Remote Micro-Computer Control	no	\$ 150.00
j)	Universal/Compatible Wireless Remote Micro-Computer Control for existing FCU Unit.	no	\$ 150.00
k)	Battery for Wireless Remote control	no	\$ 5.00
l)	2 Pole Contactor c/w Overload relay range from 10 Amp to 40 Amp	no	\$ 90.00
m)	3 Pole contactor c/w Overload relay range from 10 Amp to 40 Amp	no	\$ 180.00
n)	Temperature Thermistor Sensor	no	\$ 120.00
o)	AC & DC Transformer approved Standard by DES ranging from 2.6 kw to 17.58 kw	no	\$ 100.00
p)	Piping Connection Coupling	no	\$ 150.00
q)	Evaporator Fan Motor	no	\$ 250.00
r)	Sight Glass	no	\$ 100.00
s)	Step down Transformer Various Rating	no	\$ 180.00
t)	Discharge Service Valve	no	\$ 120.00
u)	Dual Pressure Switch	no	\$ 180.00
v)	Crankcase heater	no	\$ 350.00
w)	Brass Flare Nut up to 3/4" dia	no	\$ 10.00
x)	Thermal Overload Relay		
	Range 7-12 Amp	no	\$ 80.00
	Range 13-18 Amp	no	\$ 80.00
y)	8 Pin Timer Relay Range 0-3 min	no	\$ 120.00
z)	Auxiliary contact Block 2No/2NC	no	\$ 120.00
aa)	Compressor Terminal Connector	no	\$ 5.00
ab)	Fan Motor Terminal Connector	no	\$ 5.00
ac)	Pipe Sensor	no	\$ 70.00
A.2	To supply and Delivery the following Spare parts for Split Units of various makes and capacities: -		
a)	Filter Soft Foam/Sponge Type	no	\$ 80.00
b)	Filter, Hard PVC Mesh-Frame Type	no	\$ 80.00

ITEM	DESCRIPTION	UNITS	RATE
c)	PVC Drain Pipes: -		
	Size 15 mm	m	\$ 3.00
	Size 20 mm	m	\$ 10.00
	Size 25 mm	m	\$ 15.00
	Size 32 mm	m	\$ 12.00
	Size 40 mm	m	\$ 14.00
	Size 50 mm	m	\$ 15.00
	Size 75 mm	m	\$ 18.00
d)	PVC Flexible Hose		
	Size 12.7 mm	m	\$ 10.00
e)	Fan Motor Capacitor		
	0.5 MFD TO 1.5 MFD	no	\$ 60.00
	2 MFD TO 3.5 MFD	no	\$ 60.00
	4 MFD TO 5 MFD	no	\$ 60.00
	6 MFD TO 10 MFD	no	\$ 80.00
	11 MFD TO 15 MFD	no	\$ 80.00
f)	Compressor Capacitor		
	20 MFD	no	\$ 80.00
	25 MFD	no	\$ 80.00
	30 MFD	no	\$ 80.00
	35 MFD	no	\$ 100.00
	40 MFD	no	\$ 100.00
	45 MFD	no	\$ 120.00
	60 MFD	no	\$ 120.00
	80 MFD TO 100 MFD	no	\$ 150.00
	120 MFD TO 180 MFD	no	\$ 180.00
g)	Nozzle Strainer	no	\$ 20.00
h)	Capillary Tube	m	\$ 12.00
i)	Compressor Mounting	no	\$ 7.00
A.3	To Supply and install New Compressor for Split Units of various make including replace the filter drier and capillary tube, flushing using nitrogen gas, general top up gas R22 with commissioning and testing: -		
	Rotary Compressor		
a)	2.6 Kw (1.0HP or 9000 Btu)	no	\$ 380.00
b)	3.52 Kw (1.5 HP or 12 000 Btu)	no	\$ 500.00

ITEM	DESCRIPTION	UNITS	RATE
c)	5.28 Kw (2.0 HP Or 20 000 Btu)	no	\$ 650.00
d)	7.03 Kw (2.5 HP or 24 000 Btu)	no	\$ 800.00
e)	8.79 Kw (3.0 HP or 30 000 Btu)	no	\$ 1,200.00
f)	10.55 Kw (4.0 HP or 36 000 Btu)	no	\$ 1,600.00
	Scroll Compressor		
a)	12.90 Kw (5.0 HP or 44 000 Btu)	no	\$ 1,800.00
b)	16.41Kw (6.0 HP or 56 000 Btu)	no	\$ 2,100.00
c)	17.58 Kw (6.5 HP or 60 000 Btu)	no	\$ 2,300.00
A.4	To supply and install of New Condensing Fan Motor for Split Unit / Air Curtain of various Make and capacities:		
a)	2.6 Kw (1.0HP or 9000 Btu)	no	\$ 180.00
b)	3.52 Kw (1.5 HP or 12 000 Btu)	no	\$ 200.00
c)	5.28 Kw (2.0 HP Or 20 000 Btu)	no	\$ 280.00
d)	7.03 Kw (2.5 HP or 24 000 Btu)	no	\$ 380.00
e)	8.79 Kw (3.0 HP or 30 000 Btu)	no	\$ 450.00
f)	10.55 Kw (4.0 HP or 36 000 Btu)	no	\$ 600.00
g)	12.90 Kw (5.0 HP or 44 000 Btu)	no	\$ 650.00
h)	16.41Kw (6.0 HP or 56 000 Btu)	no	\$ 750.00
i)	17.58 Kw (6.5 HP or 60 000 Btu)	no	\$ 800.00
A.5	To remove, rewind and reinstall Fan Motor for Split Units of various makes and capacities: -		
a)	2.6 Kw (1.0HP or 9000 Btu)	no	\$ 180.00
b)	3.52 Kw (1.5 HP or 12 000 Btu)	no	\$ 180.00
c)	5.28 Kw (2.0 HP or 20 000 Btu)	no	\$ 200.00
d)	7.03 Kw (2.5 HP or 24 000 Btu)	no	\$ 220.00
e)	8.79 Kw (3.0 HP or 30 000 Btu)	no	\$ 240.00
f)	10.55 Kw (4.0 HP or 36 000 Btu)	no	\$ 380.00
g)	12.90 Kw (5.0 HP or 44 000 Btu)	no	\$ 400.00
h)	16.41Kw (6.0 HP or 56 000 Btu)	no	\$ 450.00
i)	17.58 Kw (6.5 HP or 60 000 Btu)	no	\$ 480.00

ITEM	DESCRIPTION	UNITS	RATE
A.6	To supply and install of Fan Coil Unit Motor for Split Units of various makes and capacities: -		
a)	2.6 Kw (1.0HP or 9000 Btu)	no	\$ 180.00
b)	3.52 Kw (1.5 HP or 12 000 Btu)	no	\$ 200.00
c)	5.28 Kw (2.0 HP Or 20 000 Btu)	no	\$ 280.00
d)	7.03 Kw (2.5 HP or 24 000 Btu)	no	\$ 380.00
e)	8.79 Kw (3.0 HP or 30 000 Btu)	no	\$ 400.00
f)	10.55 Kw (4.0 HP or 36 000 Btu)	no	\$ 460.00
g)	12.90 Kw (5.0 HP or 44 000 Btu)	no	\$ 500.00
h)	16.41Kw (6.0 HP or 56 000 Btu)	no	\$ 600.00
i)	17.58 Kw (6.5 HP or 60 000 Btu)	no	\$ 650.00
A.7	Replacement with Salvaged compressor for Split To replace compressor with another working compressor salvaged from a written-off unit. The work shall also include testing of the unit and repainting using two coats of red lead oxide paint and a final coat to match the original colour. The price shall include execute, brazing and add-up compressor oil if requested (Piping not greater than 10 meters)	no	\$ 500.00
A.8	Replacement with Salvaged Fan Motors for Split To replace fan motors with another Working fan motor salvaged from a written-off unit. The work shall also include testing of the unit and repainting using two coats of red lead oxide paint and a final coat to match the original colour.	no	\$ 420.00
A.9	To supply and install of New Condenser Fan Blade for Split unit of various make:		
a)	2.6 Kw (1.0HP or 9000 Btu)	no	\$ 150.00
b)	3.52 Kw (1.5 HP or 12 000 Btu)	no	\$ 180.00
c)	5.28 Kw (2.0 HP Or 20 000 Btu)	no	\$ 220.00
d)	7.03 Kw (2.5 HP or 24 000 Btu)	no	\$ 320.00
e)	8.79 Kw (3.0 HP or 30 000 Btu)	no	\$ 380.00
f)	10.55 Kw (4.0 HP or 36 000 Btu)	no	\$ 480.00
g)	12.90 Kw (5.0 HP or 44 000 Btu)	no	\$ 580.00
h)	16.41Kw (6.0 HP or 56 000 Btu)	no	\$ 650.00
i)	17.58 Kw (6.5 HP or 60 000 Btu)	no	\$ 700.00

ITEM	DESCRIPTION	UNITS	RATE
A.10	To supply and install of New Fan Scroll for Fan Coil unit of Split Unit / Air Curtain of various makes: -		
a)	2.6 Kw (1.0HP or 9000 Btu)	no	\$ 280.00
b)	3.52 Kw (1.5 HP or 12 000 Btu)	no	\$ 300.00
c)	5.28 Kw (2.0 HP Or 20 000 Btu)	no	\$ 350.00
d)	7.03 Kw (2.5 HP or 24 000 Btu)	no	\$ 400.00
e)	8.79 Kw (3.0 HP or 30 000 Btu)	no	\$ 420.00
f)	10.55 Kw (4.0 HP or 36 000 Btu)	no	\$ 440.00
g)	12.90 Kw (5.0 HP or 44 000 Btu)	no	\$ 480.00
h)	16.41Kw (6.0 HP or 56 000 Btu)	no	\$ 550.00
i)	17.58 Kw (6.5 HP or 60 000 Btu)	no	\$ 580.00
A.11	To supply and delivery New Electronic Printed Circuit Board c/w wireless remote micro-computer control for split Units for various makes		
a)	2.6 Kw (1.0HP or 9000 Btu)	no	\$ 250.00
b)	3.52 Kw (1.5 HP or 12 000 Btu)	no	\$ 280.00
c)	5.28 Kw (2.0 HP or 20 000 Btu)	no	\$ 300.00
d)	7.03 Kw (2.5 HP or 24 000 Btu)	no	\$ 360.00
e)	8.79 Kw (3.0 HP or 30 000 Btu)	no	\$ 400.00
f)	10.55 Kw (4.0 HP or 36 000 Btu)	no	\$ 450.00
g)	12.90 Kw (5.0 HP or 44 000 Btu)	no	\$ 480.00
h)	16.41Kw (6.0 HP or 56 000 Btu)	no	\$ 500.00
i)	17.58 Kw (6.5 HP or 60 000 Btu)	no	\$ 550.00
A.12	To supply and install of Direct-On-Line Single Phase Starter with overload range from 5 to 25 Amp (DES APPROVED ONLY)	no	\$ 160.00
A.13	To supply and install Direct-On-Line 3 Phase starter with overload 30 to 32 Amps (DES APPROVED ONLY) model: make:	no	\$ 240.00
A.14	To supply and install of 3 Phase Isolator as per approved Standard List accepted by DES model: make:	no	\$ 90.00

ITEM	DESCRIPTION	UNITS	RATE
A.15	To supply and install of New 20A DP switch model: make:	no	\$ 40.00
A.16	Remove and Reposition of Split Unit Condensing or Fan Coil Unit as instructed by CMU Supervising Officer.	no	\$ 300.00
A.17	Modification of Control for Split Unit c/w Fan Control Switch and Thermostat including remove and reinstall from and to site.	no	\$ 400.00
A.18	To supply and replace modified bracket for Split Condensing unit housing c/w painting remove and reinstall from to site.	no	\$ 250.00
A.19	To supply and replace modified G.I Water tray for Room Air-conditioning Unit or Split Unit c/w painting, remove and reinstall from to site.	no	\$ 200.00
A.20	To remove, relocate and reinstall back the existing split unit air conditioning in the existing school as instructed by S.O complete with refrigerant piping either use Armaflex or Aero flex insulation (not less than 19mm O.D), brackets, water tray, drain pipe, hacking, excavate and making good concealed drain pipe including servicing and top up gas and other electrical building work required c/w painting remove and reinstall from site.	no	\$ 300.00
A.21	To supply and delivery DES' approved type of MCB		
a)	20 Amp	no	\$ 25.00
b)	32 Amp	no	\$ 25.00
	model: make:		
A.22	To repair Room Air-conditioning Unit gas leak, make good and top up gas ranging from 2.6 kw to 7.03 kw	no	\$ 50.00
A.23	To repair Split Air-conditioning Unit gas leak, make good and top up gas ranging from 2.6 kw to 17.58 kw	no	\$ 100.00
A.24	To repair and make good water leaking for Room Air-conditioning Unit or Split Air-conditioning Unit	no	\$ 50.00
A.25	Supply and install air curtain 220v/50Hz 900mm type with 2 speed selectable (Hi/Lo) complete with custom made bracket.	no	\$ 500.00
A.26	To dismantle the defective existing window type / split type air-conditioning units	no	\$ 30.00

ITEM	DESCRIPTION	UNITS	RATE
A.27	Supply and install 12mm thick plywood to fixed the existing hole including painting with similar existing colour	m2	\$ 50.00
A.28	Ditto but fixed glass including painting with similar existing colour	m2	\$ 150.00
A.29	To Install/replace piping insulation ranging from 2.6 kw to 17.58 kw Air-conditioning and other necessary works required by SO	m	\$ 30.00
A.30	To Install/replace refrigerant pipe ranging from 2.6 kw to 17.58 kw Air-conditioning and other necessary works required by SO	m	\$ 30.00
B	<u>LIGHTING, FAN AND POWER POINT (APPROVED BY DES)</u>		
B.1	To supply and install 60A TPN metal enclosure Distribution Board for c/w 3 No x 60A/ 0.03A RCD 21 x MCB (6A-32A), Fuses and Cartridge, neutral link model: make:	no	\$ 1,500.00
B.2	To supply and install 100A TPN metal enclosure Distribution Board for c/w 3 No x 80A/ 0.03A RCD 21 x MCB (6A-32A), Fuses and Cartridge, neutral link model: make:	no	\$ 1,800.00
B.3	To supply and install 60A SPN RCD/0.03MA model: make:	no	\$ 100.00
B.4	To supply and install 100A SPN RCD/0.03MA model: make:	no	\$ 120.00
B.5	To supply and install using 4 X 1C/25mm ² PVC cable in G.I. tray/trunking + 16mm ² CPC.	m	\$ 50.00
B.6	To supply and install using 4 X 1C/35mm ² PVC cable in G.I. tray/trunking + 16mm ² CPC.	m	\$ 60.00
B.7	Supply and install wiring Single Phase Power Point using 3 C x 4mm PVC Cable Casing/conduit c/w 20A DP switch	no	\$ 250.00

ITEM	DESCRIPTION	UNITS	RATE
B.8	Supply and install wiring 3 Phase power Point using 5C x 4mm PVC cable casing / conduit c/w 32A isolator	no	\$ 500.00
B.9	Cost of labour to check and generally servicing for Window type Air-conditioning Unit ranging from 2.6 kw to 7.03 kw c/w topping up gas, high pressure wash and other necessary works required by SO	no	\$ 80.00
B.10	Cost of labour to check and generally servicing for above Split/cassette type Air-conditioning Unit ranging from 2.6 kw to 17.58 kw c/w topping up gas, high pressure wash and other necessary works required by SO	no	\$ 160.00
B.11	Cost of labour to check and servicing for 3ft or 4ft air curtain c/w high pressure wash and other necessary works required by SO	no	\$ 50.00
C	<u>AIRCONDITIONING</u>	-	-
C.1	Supply and install Wall Mounted Split Type Air-conditioning Unit with intelligent INVERTER TYPE, Wireless remote controller with batteries complete with refrigerant piping either use Armaflex or Aero flex insulation (not less than 19mm O.D),brackets, water tray, drain pipe, hacking, excavate and making good concealed drain pipe and other electrical building work required Department of Electrical Services Department Approved type and 5 years warranty compressor, labour and gas free of charge to suit site installation including servicing on the supply air conditioning monthly until Defect Liability Period ends.		
a)	1.5HP	no	\$ 1,800.00
b)	2.0HP	no	\$ 2,300.00
c)	2.5HP	no	\$ 2,600.00
d)	3.0HP	no	\$ 4,600.00
e)	5.0HP	no	\$ 6,000.00
	model:		
	make:		
C.2	Supply and install Ceiling Mounted Split Type Air-conditioning Unit with intelligent INVERTER TYPE, Wireless remote controller with batteries complete with refrigerant piping either use Armaflex or Aeroflex or Equivalent insulation (not less than 19mm O.D), brackets, water tray, drain pipe, hacking, excavate and making good concealed drain pipe and making good ceiling and other electrical building work required Department of Electrical Services Department Approved type and 5 years warranty compressor, labour and gas free of charge to suit site installation including servicing on the supply air conditioning monthly until Defect Liability Period ends.		

a)	2.0HP	no	\$	3,500.00
b)	2.5HP	no	\$	4,600.00
c)	3.0HP	no	\$	5,600.00
d)	5.0HP	no	\$	5,600.00
	model:			
	make:			
C.3	Supply and install Ceiling Cassette Split Type Air-conditioning Unit with intelligent INVERTER TYPE, Wireless remote controller with batteries complete with refrigerant piping either use Armaflex or Aeroflex or Equivalent insulation (not less than 19mm O.D),brackets, water tray, drain pipe, hacking, excavate and making good concealed drain pipe and making good ceiling and other electrical building work required Department of Electrical Services Department Approved type and 5 years warranty compressor, labour and gas free of charge to suit site installation including servicing on the supply air conditioning monthly until Defect Liability Period ends.			
a)	2.0HP	no	\$	2,500.00
b)	2.5HP	no	\$	5,500.00
c)	3.0HP	no	\$	6,600.00
d)	5.0HP	no	\$	7,800.00
	model:			
	make:			
D	<u>SAFETY AND HEALTH PLAN</u>			
	The contractor shall implement and maintain at all times a Safety and Health Management System for the purpose of ensure the safety and protecting the health of every person within the worksite, whether or not the person is at work or is an employee of the contractor.			
D.1	HSE requirement according to Occupational Safety and Health Specification	LS		200.00
D.2	Erect, maintain and dismantle suitable scaffolding and/or props for temporary working platform including access and egress.	LS		200.00
E	<u>BREAKDOWN</u>			
E.1	<u>Troubleshooting, checking and tracing</u> faulty chiller and pump equipment and VRV/VRF system; prepare report to be verified by S.O c/w removal, disconnection, clearance, rectification, calibration and tidy up work.	lot	\$	100.00

ITEM	DESCRIPTION	UNITS	RATE
E.2	Installing and/or replace the faulty Split type air-conditioning with the existing components or parts c/w dismantling, removal, disconnection, vacuuming, brazing, top up gas works and etc. as instructed by the S.O.	lot	\$ 200.00
F	<u>AIR HANDLING UNIT</u>		
F.1	To general clean, servicing existing Air Handling Units a) To remove and wash filter. b) To clean grill/coil using water jet and approved chemical c/w removal of excess water. c) To clean drain pan and flush out and unblock drain line. d) To clean and vacuum blower. e) To clean internal and external casing using cloth. Note: Monthly Type service to be done as per instructed by S.O.	lot	\$ 65.00
F.2	To general clean, servicing, check and troubleshooting the existing Air Handling Units a) To remove and wash filter. b) To clean grill/coil using water jet and approved chemical c/w removal of excess water. c) To clean drain pan and flush out and unblock drain line. d) To clean and vacuum blower. e) To clean internal and external casing using cloth. f) To check all electrical connections and secure any loose electrical wiring. g) To check and adjust all valve. h) To clean motor using cloth. i) To grease and lubricate bearings and other movable parts. j) To check belting tension and wear and pulley drives secure fixing k) To check and adjust timer and temperature settings in order l) Clean exposed ceiling/wall ducting grill outlet using cloth Note: Annual Type service to be done as per instructed by S.O.	lot	\$ 300.00
F.3	Belting c/w general check, repair and alignment.	nos	\$ 70.00
F.4	VAV Box c/w accessories.	nos	\$ 1,300.00
F.5	To clean and clear all AHU rooms and to maintain clean and safe working service areas.	nos	\$ 30.00
F.6	Rewind and reinstall AHU motor c/w replacement of bearings, alignment and others.	nos	\$ 720.00
F.7	New AHU Motor ~5.5kw c/w accessories	nos	\$ 1,500.00
F.8	AHU Actuator Valve c/w necessary building and piping work, cutting, welding	nos	\$ 1,800.00
F.9	Expansion valve for AHU	nos	\$ 750.00

ITEM	DESCRIPTION	UNITS	RATE
F.10	AHU Timer inside control panel	nos	\$ 170.00
F.11	AHU Magnetic Contactor ~25A or equivalent rating	nos	\$ 150.00
F.12	AHU Transformer ~25A, 240V, 50 Hz or equivalent rating	nos	\$ 180.00
F.13	Insulation pad for ducting	m2	\$ 50.00
F.14	Fiberglass Insulation	m2	\$ 25.00
F.15	Insulated plenum box c/w insulation	nos	\$ 250.00
F.16	Variable Speed Drive (VSD) c/w setting back to system	nos	\$ 6,000.00
G	<u>DX PACKAGED CHILLER SYSTEM</u>		
G.1	Comprehensive maintenance and servicing, labour and materials to test system with nitrogen, repair & make good condenser coil leakage c/w silver soldering, purge system with nitrogen, vacuum, recharge cyls of Freon 22 gas c/w general service and repair wear and tear parts (exclude PCB and compressor) for outdoor condensing unit.	nos	\$ 1,200.00
G.2	Comprehensive maintenance and servicing, labour and materials to test system with nitrogen, repair & make good condenser coil leakage c/w silver soldering, purge system with nitrogen, vacuum, recharge cyls of OTHER GAS c/w general service and repair wear and tear parts (exclude PCB and compressor) for outdoor condensing unit.	nos	\$ 1,500.00
G.3	Condenser Fan Motor bearing	nos	\$ 45.00
G.4	Rewinding condenser fan motor, replace bearings and remachine bearing covers	nos	\$ 650.00
G.5	PCB Controller Board	nos	\$ 4,500.00
G.6	Contactor for compressor and fan unit	nos	\$ 200.00
G.7	Scroll Compressor ~15 HP c/w accessories and associated works	nos	\$ 4,500.00
G.8	Scroll Compressor ~12 HP c/w accessories and associated works	nos	\$ 3,500.00
G.9	Refrigerant R22	kg	\$ 30.00
G.10	Filter Drier	nos	\$ 150.00
G.11	Timer Relay	nos	\$ 130.00
G.12	Delay Timer	nos	\$ 200.00
G.13	Contactor 3 phase 32A	nos	\$ 450.00
G.14	Wiring 3 phse isolator	nos	\$ 200.00

ITEM	DESCRIPTION	UNITS	RATE
H	<u>VRV SYSTEM</u>		
H.1	Fully comprehensive servicing of fan coil unit FCU of VRV system c/w system check, maintenance and make good condition c/w general servicing, clean air filter, casing, cooling pipe, water drain pan, flush clean the drainage pipe, leak test and repair as per instructed by S.O. (To INCLUDE replace faulty parts of sensors, capacitors, pc control board etc. ALL except compressor)	nos	\$ 55.00
H.2	Fully comprehensive servicing of outdoor condensing unit CU (VRV) c/w system check, maintenance and make good condition c/w general servicing, clean coil and cooling pipe, water drain pan, flush clean the drainage pipe, clean fan motor blade, condensing coil, leak test and repair as per instructed by S.O. Supply of nitrogen gas for leak testing, vacuuming system, pressure testing charging gas for purging the system c/w repair leak (To INCLUDE replace faulty parts of sensors, capacitors etc. ALL except PCB Board, IPDU and Compressor)	nos / per system	\$ 1,200.00
H.3	Inverter PC Board compressor c/w sensor	nos	\$ 2,500.00
H.4	Condenser Fan Motor IPDU c/w programming, rewire	nos	\$ 1,800.00
H.5	Filter Drier	nos	\$ 150.00
H.6	Noise Filter PCB board	nos	\$ 950.00
H.7	Condensing Fan Motor	nos	\$ 1,700.00
H.8	Refrigerant R410A	kg	\$ 40.00
H.9	Water pump for VRV	nos	\$ 250.00
H.10	FCU (cassette type) PC Board c/w sensor	nos	\$ 390.00
I	<u>OTHER ITEM NOT SPECIFIED</u>		
	Any other item not specified please mentioned: -		
i	.....	.....	.....
ii	.....	.....	.....
iii	.....	.....	.....
iv	.....	.....	.....
v	.....	.....	.....
	We, the undersigned, are willing to contract for and perform maintenance and repair of split / window air conditioning units for POLITEKNIK BRUNEI, CAMPUS LUMUT as may be ordered from time to time for a period of ONE (1) YEAR commencing from the date of award of tender and at rates contained herein at:		

ITEM	DESCRIPTION	UNITS	RATE
	<p>PLUS / MINUS % (per Centum)*</p> <p>Delete as necessary and insert the necessary % (N.B): If none stated then it would assumed to be "NIL")</p> <p>*NOTE* Contractor must submit the lists of documents as follows</p> <p>1. Valid MOD license with categories of MO1 and EO1 2. Valid Department Electrical Services (DES) passcard for EO1 and MO1</p>		

Note:

If you are interested in submitting an offer, you are required to make a payment of BND\$5.00 to Finance Division on the 12th floor, Politeknik Brunei.

You are also required to fill in the online PARTICIPATION FORM at <https://bit.ly/3Hp2RLt> and upload the payment receipt into the form. Quotation Form (RFQ) and related documents will be sent via email.

If you require further information, please do not hesitate to contact sarifulrizal.jambul@pb.edu.bn or contact no+673-8872673.

Thank you and looking forward to your participation.