















## Annex 1

### Bid Submission Form

Iulaan No: (IUL)94-Q/94/2020/33

**IMPORTANT:** This sheet should serve as a front page of the proposal. If any bidder fails to submit the relevant information and bid documents states in information sheet section 14, bid will be rejected at the bid opening stage.

**Bid Title: Replace outdoor units of Velaanage air condition VRV 2 system to VRV 4Q system**

Replace outdoor units of Velaanage air condition VRV 2 system to VRV 4Q system		
#	Description	Price
2	Side A (Passport Area)	
2	Side B (Office Area)	
1	Side C (Common Area)	
GST (6%)		
TOTAL (MVR)		
Total in Words:		

Delivery	Calendar days	
Proposed Delivery Period		days

**Check list for documents submitted (please tick the appropriate box)**

		Yes (✓)	No (x)
1	Bid Submission Form Completed & Signed		
2	Certificate of Registration (Company)		
3	Memorandum of Association (for companies)		
4	National Identity Card		
5	Certificate of Registration (Sole Proprietorship)		
6	Company Profile		
7	S.M.E Registration		
8	G.S.T Registration		
9	Past Experience Documents (Related to the bid)		
10	Tax Clearance Form		
11	Bid Security (If the bid amount is greater than 250,000.00)		



## Air Conditions Indoor Unit Model Numbers

### Side A (Passport Area)

No	Model Number	Location
1	FXF40LVE	TD1
2	FXF40LVE	TD2
3	FXF40LVE	TD3
4	FXF40LVE	TD4
5	FXF40LVE	TD5
6	FXF25LVE	TD6
7	FXF40LVE	TD7
8	FXF40LVE	TD8

### Side B (Office Area)

No	Model Number	Location
1	FXF63LVE	Controller Room
2	FXF63LVE	Deputy Controller Room
3	FXF63LVE	ZV Room
4	FXF40LVE	Controllers Bureau
5	FXF63LVE	Budget Section
6	FXF63LVE	Conference Room
7	FXF63LVE	Legal Section
8	FXF50LVE	Lobby Area
9	FXF63LVE	Executive Room
10	FXF63LVE	Human Resource Section
11	FXF63LVE	Information Technology Section 1
12	FXF40LVE	Information Technology Section 2
13	FXF25LVE	Server Room
14	FXF40LVE	Switch Room

### Side C (Common Area)

No	Model Number	Location
1	FXF40LVE	Walk Way
2	FXF40LVE	Walk Way
3	FXF40LVE	Waiting Area
4	FXF40LVE	Waiting Area



- All outdoor units need to have aluminum fins with 105+2 mm thickness, with special Anti-corrosive coating of  $1.3 \pm 0.35$  mm thickness and an outside Hydrophilic layer coating of  $0.35 \pm 0.07$  mm thickness.
- All outdoor units shall be equipped with high efficiency optimized heat exchangers with variable heat exchanger circuits
- The outdoor units shall be provided with its own microprocessor control panels
- The manufacturer needs to provide a maximum warranty replacement for the outdoor units
- The outdoor Model Should be Daikin VRV Replacement Models as below
  - VRV 4Q
- The whole of the liquid and suction refrigerant lines including all fittings, valves etc. shall be insulated with 25mm thick insulation for all copper sizes.





**DAIKIN INDUSTRIES, LTD.**  
**AIR CONDITIONER**

MODEL <b>RX8MY1</b> (OUTDOOR USE)		SER. NO. <b>E001066</b>
POWER SUPPLY 380-415 V 3N ~ 50 Hz		DATE <b>08.05</b>
MODE <b>COOLING</b>		INPUT <b>8.49 kW</b>
PS (M.W.P) <b>28 bar</b>	AMBIENT TEMP (tDB/tWB)	OUT DOOR IN DOOR <b>35 / 24</b>
HIGH PRESSURE SIDE <b>2.8 MPa</b>	* THE REFRIGERANT IS LOADED IN THIS UNIT, HOWEVER RECHARGING IS NEEDED IN THE CASE OF A CERTAIN SYSTEM. AS FOR DETAILS, SEE INSTALLATION MANUAL.	
PS (M.W.P) <b>16 bar</b>	* INPUT SHOWN HERE IS THE VALUE WHEN THE TOTAL CAPACITY SUM OF INDOOR UNITS IS 200.	
LOW PRESSURE SIDE <b>1.6 MPa</b>	* INPUT IS FOR THE OUTDOOR UNIT ONLY.	
AP <b>28 bar</b>	AP: AIR TIGHT TEST PRESSURE	
HIGH PRESSURE SIDE <b>2.8 MPa</b>	PS: DESIGN TEST PRESSURE	
AP <b>16 bar</b>	REFRIGERANT <b>R22 / 13.1 kg</b>	
LOW PRESSURE SIDE <b>1.6 MPa</b>	MASS <b>235 kg</b>	
REFRIGERANT <b>R22 / 13.1 kg</b>	FUSE AMP. <b>30 A</b>	
MASS <b>235 kg</b>	PROTECTION <b>IP24</b>	
FUSE AMP. <b>30 A</b>	3PN06489-1A	
PROTECTION <b>IP24</b>		

PROTECTION	IP24	DATE	08.05
POWER SUPPLY	380-415 V 3N ~ 50 Hz	MODE	COOLING
PS (M.W.P)	28 bar	INPUT	8.49 kW
HIGH PRESSURE SIDE	2.8 MPa	AMBIENT TEMP (tDB/tWB)	OUT DOOR IN DOOR 35 / 24
PS (M.W.P)	16 bar	* THE REFRIGERANT IS LOADED IN THIS UNIT, HOWEVER RECHARGING IS NEEDED IN THE CASE OF A CERTAIN SYSTEM. AS FOR DETAILS, SEE INSTALLATION MANUAL.	
LOW PRESSURE SIDE	1.6 MPa	* INPUT SHOWN HERE IS THE VALUE WHEN THE TOTAL CAPACITY SUM OF INDOOR UNITS IS 200.	
AP	28 bar	* INPUT IS FOR THE OUTDOOR UNIT ONLY.	
HIGH PRESSURE SIDE	2.8 MPa	AP: AIR TIGHT TEST PRESSURE	
AP	16 bar	PS: DESIGN TEST PRESSURE	
LOW PRESSURE SIDE	1.6 MPa	REFRIGERANT R22 / 13.1 kg	
REFRIGERANT	R22 / 13.1 kg	MASS 235 kg	
MASS	235 kg	FUSE AMP. 30 A	
FUSE AMP.	30 A	PROTECTION IP24	
PROTECTION	IP24	3PN06489-1A	

**DAIKIN INDUSTRIES, LTD.**  
**AIR CONDITIONER**

MODEL <b>RX12MY1</b> (OUTDOOR USE)		SER. NO. <b>E000868</b>
POWER SUPPLY 380-415 V 3N ~ 50 Hz		DATE <b>08.07</b>
MODE <b>COOLING</b>		INPUT <b>11.0 kW</b>
PS (M.W.P) <b>28 bar</b>	AMBIENT TEMP (tDB/tWB)	OUT DOOR IN DOOR <b>35 / 24</b>
HIGH PRESSURE SIDE <b>2.8 MPa</b>	* THE REFRIGERANT IS LOADED IN THIS UNIT, HOWEVER RECHARGING IS NEEDED IN THE CASE OF A CERTAIN SYSTEM. AS FOR DETAILS, SEE INSTALLATION MANUAL.	
PS (M.W.P) <b>16 bar</b>	* INPUT SHOWN HERE IS THE VALUE WHEN THE TOTAL CAPACITY SUM OF INDOOR UNITS IS 300.	
LOW PRESSURE SIDE <b>1.6 MPa</b>	* INPUT IS FOR THE OUTDOOR UNIT ONLY.	
AP <b>28 bar</b>	AP: AIR TIGHT TEST PRESSURE	
HIGH PRESSURE SIDE <b>2.8 MPa</b>	PS: DESIGN TEST PRESSURE	
AP <b>16 bar</b>	REFRIGERANT <b>R22 / 15.6 kg</b>	
LOW PRESSURE SIDE <b>1.6 MPa</b>	MASS <b>290 kg</b>	
REFRIGERANT <b>R22 / 15.6 kg</b>	FUSE AMP. <b>30 A</b>	
MASS <b>290 kg</b>	PROTECTION <b>IP24</b>	
FUSE AMP. <b>30 A</b>	3PN06489-3A	
PROTECTION <b>IP24</b>		

**DAIKIN INDUSTRIES (THAILAND) LTD.**  
**AIR CONDITIONER**

MODEL <b>RX16MY1</b> (OUTDOOR USE)		SER. NO. <b>E001081</b>
POWER SUPPLY 380-415 V 3N ~ 50 Hz		DATE <b>08</b>
MODE <b>COOLING</b>		INPUT <b>16.1 kW</b>
PS (M.W.P) <b>28 bar</b>	AMBIENT TEMP (tDB/tWB)	OUT DOOR IN DOOR <b>35 / 24</b>
HIGH PRESSURE SIDE <b>2.8 MPa</b>	* THE REFRIGERANT IS LOADED IN THIS UNIT, HOWEVER RECHARGING IS NEEDED IN THE CASE OF A CERTAIN SYSTEM. AS FOR DETAILS, SEE INSTALLATION MANUAL.	
PS (M.W.P) <b>16 bar</b>	* INPUT SHOWN HERE IS THE VALUE WHEN THE TOTAL CAPACITY SUM OF INDOOR UNITS IS 400.	
LOW PRESSURE SIDE <b>1.6 MPa</b>	* INPUT IS FOR THE OUTDOOR UNIT ONLY.	
AP <b>28 bar</b>	AP: AIR TIGHT TEST PRESSURE	
HIGH PRESSURE SIDE <b>2.8 MPa</b>	PS: DESIGN TEST PRESSURE	
AP <b>16 bar</b>	REFRIGERANT <b>R22 / 18.6 kg</b>	
LOW PRESSURE SIDE <b>1.6 MPa</b>	MASS <b>333 kg</b>	
REFRIGERANT <b>R22 / 18.6 kg</b>	FUSE AMP. <b>40 A</b>	
MASS <b>333 kg</b>	PROTECTION <b>IP24</b>	
FUSE AMP. <b>40 A</b>	3PN06378-5E	
PROTECTION <b>IP24</b>		