

BOQ FOR HVAC WORK AT PARO INTERNATIONAL AIRPORT, OLD TERMINAL					
SL	DESCRIPTION	QTY	UNIT	RATE	AMOUNT
1.0	SITC of Air Handling Unit Comprising of 6 row deep low ADP cooling coils, DIDW centrifugal forward curved fan, outlet dampers, pre filters, with control Kit & expansion valves / kit Compatible to VRV system. Floor mounted / Ceiling suspended				
1.1	11000 CFM / 35 TR@ 50mm SP	6	NOS		
1.2	8000 CFM / 25 TR@ 50mm SP	1	NOS		
2.0	SITC of all refrigerant piping along with insulation and supports, between indoor & outdoor units duly insulated with 13 / 19 mm Nirtile rubber insulation	1	LOT		
3.0	SITC of all refrigerant Joints	1	LOT		
5.0	Painted M.S Structure for installing VRF outdoor units	30	NOS		
6.0	SITC of uPVC drain pipe complete with all accessories with 13mm Nitrile Rubber Insulation with supports				
6.1	25MM dia	150	RMT		
7.0	SITC of Site Fabricated GI SHEET METAL RECTANGULAR DUCT with support, hangers, rods, frames, anchor fastners, etc.				
7.1	0.63 MM (24G)	600	MT ²		
7.2	0.80 MM (22G)	200	MT ²		
7.3	1.00 MM (20G)	50	MT ²		
8.0	SITC of Powder Coated Extruded Aluminium griils	40	MT ²		
9.0	SITC of Black Anodised aluminium extruded Collar damper	8	MT ²		
10.0	SITC of Al construction diffuser with VCD	65	MT ²		
11.0	SITC of Al construction diffuser without VCD	62	MT ²		
12.0	SITC of Opposed blade volume control dampers	15	MT ²		
13.0	SITC of Flexible Fire Retardant double layer Canvass Connection	20	NOS		
14.0	SITC of Fusible Linked type fire damper	13	MT ²		
15.0	SITC of Accoustic insulation with class "O" type with closed cell Nitrile Rubber - 10 mm thick with 140-180Kg/m3 density	150	MT ²		
16.0	SITC of Thermal Insulation with class "O" type open cell Nitrile Rubber - 13 mm thick with 60Kg/m3 density density	900	MT ²		
17.0	SITC of AHU Starter panel with all controlls, breakers, accessorries, fire interlocking arrangement, potential free contacts etc.The control panel for VRF ODUs & AHUs	7	SETS		
18.0	SITC of Outdoor DB panel / Enclosure (IP-55) type for VRF ODU	10	SETS		
19.0	SITC of power cable (Al) - Control Panel ot VRF CDUs & AHUs				
19.1	4Cx35Sqmm Cu. Flexible Cable	RO	RMT		
19.2	4Cx25Sqmm Cu. Flexible Cable	200	RMT		
19.3	4Cx10Sqmm Cu. Flexible Cable	100	RMT		
19.4	3Cx6Sqmm Cu. Flexible Cable	150	RMT		
19.5	3Cx1.5Sqmm Cu. Flexible Cable	200	RMT		
20.0	SITC of controll cable (Cu) - 3Cx1.5Sqmm Shilded Cu. Cable	300	RMT		
21.0	SITC of GI Earthing - 10SWG	400	RMT		
22.0	Supply, Installation, Testing & commissioning of ALL Inverter based VRF outdoor units,air-cooled condenser interconnected control wiring and refrigerant piping housed in compact housing of following capacities suitable to operate with HFC refrigerant R-410a. Price should include additional refrigerant as required.				
22.1	40 HP	6	NOS		
22.2	36 HP	1	NOS		
22.3	24 HP	1	NOS		
22.4	20 HP	1	NOS		
23.0	Supply, Installation, Testing & commissioning of VRF indoor Units with Drain Pumps, Cordless Remote Controller				
23.1	10.0 HP - High Static	RO	NOS		
23.2	8.0 HP - High Static	RO	NOS		
23.3	5.0 HP - Low Static	RO	NOS		
23.4	3.2 HP - Cassette	2	NOS		
23.5	2.5 HP - Cassette	3	NOS		
23.6	2.0 HP -Cassette (Compact)	17	NOS		
23.7	1.7 HP -Cassette (Compact)	2	NOS		

24.0	Modification and repairing of of existing duct with thermal insulation. Insulation thickness will be with class "O" type open cell Nitrile Rubber - 13 mm thick with 60Kg/m3 density density	RO	MT²		
	GRAND TOTAL				