

IO SUMMARY

Sl.No	Equipment Description	Qty	AI	DI	AO	DO	Field Devices
I	Consealed Green Irrigation - Control system	1					
	Input Points-Real Time Monitoring						
1	Temperature sensor	2	3				Space Temperature + Humidity Sensor
2	Humidity Sensor	2	3				
3	Light Intensity sensor	8	8				LUX Meter
4	CO2 sensors	3	3				Space CO2 Sensor
5	PH meter	1	1				PH + Conductivity meter
6	Conductivity meter	1	1				
7	AC Status			1			VFC from AC
8	Humidifier & Dehumidifier Status			2			VFC fro Humidifier
9	Fertilizer Status			1			VFC from Fertilizer
10	CO2 Generator status			1			VFC from CO2 Generator
	Out Points-Real Time Control						
10	Temperature					1	230VAC to AC Unit
11	Humidification					1	230VAC to Humidifier Unit
12	De Humidification					1	230VAC to Dehumidifier Unit
13	Light Intensity variation					1	230VAC to Lighting Control Unit
14	CO2 Generation					1	230VAC to CO2 Generator
15	PH Reuulation-Control to Fertilizer					1	230VAC to Fertilization Unit
16	Conductivity Regulation					1	230VAC to Fertilization Unit
	Net Total		19	5	0	7	[2 X SE6166] X 1

Bill of Materials

SI No.		Model No.	Description	Unit	Qty	Remark
I	BMS Software					
	1	WebCTRL-500	BMS Software (Limited 500 points) with advanced reporting, advanced alarming	EA	1	ALC-USA
II	Controller ,Expansion Modules & Control Panels					
	1	DDC	DDC Controllers	Lot	1	ALC-USA
III	Gateway/Routers					
	1	LGR	Gateway router	EA	1	ALC-USA
IV	Field Devices					
	1	CDD5C201P	Carbon Dioxide Detector (CO2), 0-20,000 ppm, Temperature & Humidity sensor	EA	3	GREYSTONE
	2	MK7-B-CCF-0/10	Lux Meter - INDOOR LIGHT SENSOR 0-10	EA	8	
	3	50000	PH Sensor with Display	EA	1	
	4	50000	Conductivity Sensor with Display	EA	1	