

ITEM	DESCRIPTION	QTY	UNIT	RATE	AMOUNT GHc
	<u>Structural Component</u>				
A	Galvanized steel structure				82,082.03
B	Steel locking profiles with springs				5,759.13
C	4 Row of top vents & operating gear motors systems	4	No	3,208	12,831.42
D	Side wall curtain: 2 curtain for gable side, 2 curtains for gutters sides	2	No.	16,832.02	33,664.04
E	Crawling motors for side vents : 6 Units	6	No.	5,326.16	31,956.94
F	Trellising support system & transverse cables & 4mm steel wire: 14 rows/gable	14	Row	812.01	11,368.19
G	Entry pavilion 4.4m* 4m-2 Units in gutters side +2 units of "20fans	2	No.	7,349.15	14,698.30
H	Steel sliding gate 1m * 2.2m: 4 units will be placed in the entry pavilions	4	No.	5,409.82	21,639.27
I	Partition along gutter	Item			5,621.56
J	Draining pipes 6" pipes -5 Units	5	No.	656.58	3,282.89
K	C-949 200 Micron Polyethylene for roof, and sidewall covering Insect Proof 50 mesh net: On top vent and for side vents covered in the soil	Item			<u>222,503.78</u> 30,474.95
L	Motorized thermal screen system	Item			29,668.29
M	Aluminate 50% shade screen layer	Item			17,324.61
N	Exhaust fans 50" : 8 units+ frames and cages (2 unitsin gable)	8	No.	3,763.25	30,106.01
O	24 Circulation fans:4 Units(1 Units in each gable)	4	No.	2,703.78	10,815.11
P	Roller hooks 32 meter twin -2200 units +23 mm tomato clips 11,000 units	32	m	243.09	7,778.89

Q	Spraying system				34,833.38
R	Electricity panel board, cables, installation materials	Item			79,111.79
T	Trough 6.5-22-6.5 including spacer -3300	Item	m		16,317.86
U	Grow bags 16*18*100 - 3300 units	Item			30,443.68
V	Germination tables 4.2 meter by 2.2 -38 Units	38	No.	208	7,903.96
W	Germination treys: 1000 units of *470*710 (180 holes)	1000	No.	6,597	6,597.96
X	Germination media: Torf -13 units of 300 liter, Vermiculite 12 units of 100 liter	13	No.	280.91	3,651.83
Y	Fertigation tables + water tank and fertilizer tank 500 liter each	Item			35,464.94
					<u>340,492.40</u>
	IRRIGATION,FERTIGATION & CLIMATE CONTROL SYTEM				
	Irrigation & fertilization system includes. Irrigation control system.	Item			
	Pipe system from I irrigation center to the greenhouses.	Item			
	Fertilizers tanks - 4 units	4	No.		
	Irrigation inside the greebhouses: electric valves on each green house, 8 liter spaghetti drip line system for Grower bags. Water disposal from Grower bags system	Item			
	Water tank 40 m3	Item			
	Automatic control system + climate control system	Item			458,866.87
	SUMMARY OF GREENHOUSE UNIT				
	Inland transportation to port &F.O.B expenses	Item			1,022,264.08
	Total F.O.B incoterms 2010 for the entire project				2970.00
	Freight and insurance to Accra port	Item			1,025,233.05
	<u>Total CIF incoterms 2010 for the entire project: 648 m2</u>				50,055.50
	Project Supervision for 70 days include Airfare (include Sunday and holidays)	Item			<u>1,075,288.55</u>
					76,312.50
					<u>115,601.05</u>
	CIVIL WORKS FOR CONSRUCTION OF GREENHOUSE BUILDING FOR WACCI				
	Excavation and Concrete Works	Lot			
	Excavation of column pits of size commencing from formation level.	Lot			
	Filling to make up level; depositing in layer	Lot			

Plain in situ concrete pouring against steel column post including fixing in position	Lot			
CONCRETE WORKS	Lot			
Reinforced In-situ Concrete Reinforced in situ vibrated concrete (25.00 N/mm ² -20mm Aggregate) as described in;	Lot			
Floor slabs 100mm thickness Concrete apron around the building Reinforcement bars Steel fabric mesh reinforcement to BS 4483, weighing 2.22kg with 300mm laps at joints	Lot			
Beds	Lot			
Formwork to:	Lot			
Edge of Floor Slab	Lot			
Installation of Structure	Lot			
Structure size 648m ² 25 kg/m ²	Lot			
PLUMBING INSTALLATION: Water supply system from the main to the facilities	Lot			
Electrical Installations for all the structure. This includes all wiring in connection of power supply into structure, provision of lighting and fittings and accessories as well as automation	Lot			423,500
SERVICE CONTRACT				
1. Cost of critical spare parts to be used doing routine maintenance			90,750	
2. preventive maintenance and repairs charge			57,750	148,500
TOTAL				<u>1,723,601</u>

PE - AVIV COMPANY LIMITED
 BOX CT 1347, CANTONMENTS-ACCRA
 TEL: 0302-73694 / 050-4249525

Date:.....

DIRECTOR:.....

