ARC TSC, ADDO

Addo Research Station, Barkley Bridge, Addo, Eastern Cape
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DESCRIPTION OF SERVICE:

SUPPLY, COMPONENTS REQUIRED FOR THE IRRIGATION AND FERTIGATION UNIT FOR THE GLASSHOUSE AT ARC ADDO

BACKGROUND: The Glasshouse at Addo need an irrigation and fertigation unit to supply the seedling with irrigation water. In addition to this the system needs to allow for liquid fertiliser to be applied through the system for easy application.

SCOPE OF WORK: Supply components needed for the irrigation and fertigation unit at Addo.

Please quote on each of the following as indicated below;

No	Item description	Photo	Quantity
1	10 000L plastic water tanks, colour green		2
2	1 000L plastic water tanks, colour green		2

3	Analog swimming pool timer, with back up battery, 220V		1
4	Unequal cycling timer ST-203		1
5	230V Contactor		1
6	220V Circuit breaker		1
7	Water proof electrical Box approximate size; (400mm x 300mm x 210mm, HxWXD)		1

8	Netafim mister complete 14L/hour, 4 directions, LDPE (Barb x Press fit) 15cm tube with stabalizer and anti-drain valve		150
9	Netafim mister complete 14L/hour, 2 directions, LDPE (Barb x Press fit) 15cm tube with stabalizer and anti-drain valve		40
10	APm37 Peripheral Pump and Motor – 0.37kW / 0.5HP / 220v with controller. **PUMP** • Single Phase Motor • Inlet / Outlet: 1″ Female • Insulation Class: F • Protection Class IPX4 • Max Ambient Temperature: +40ºC **CONTROLLER** • 220-224V50Hz • Mac Current: 10A • Starting Pressure: 1.5bar • Max Working Pressure:10bar • Max Working Temperature:60ºC IP65 • Connection Thread: 1″ Male • APm37 Peripheral Pump and Motor – 0.37kW / 0.5HP / 220v – Single Phase Motor		1
11	EUROSWIM Swimming pool centrifugal pump 300M. 2.2kW 220V		1
12	Courier / delivery costs to ARC, Addo		1

GENERAL CONDITIONS FOR THE PURCHASE ORDER AGREEMENT
No site visit necessary as this is only to supply the components.