

CLASS: 1NMCT2
 NAME: VANHAEKE
 FIRSTNAME: BERT
 Assembly Name : Blue Cloud Weatherstation
 Assembly Revision : 1
 Approval Date : _____
 Part Count : 11
 Total Cost : €156



(picture kan pas toegevoegd worden bij eindoplevering!)

Part #	Part Name	Description	Revision	Qty	Supplier	also available from	Units	Unit Cost	Max Cost	Real Cost
1	AOSONG DHT 22 / AM2303	Temperature and Humidity	1	1	Kiwi-electronics	Aliexpress, Adafruit	1	\$ 11.74	€ 11.74	
2	Storage Container	Box with a transparant lid	1	1	Hema	Any Hardware or appliance store	1	\$ -	€ -	
3	Raspberry Pi Model 3	Raspberry Pi 3 Starter Kit + 2.5A Power Supply + Case	3	1	AliExpress	Kiwi-electronics	1	\$ 36.62	€ 36.62	
4	Arduino UNO R3	Arduino UNO R3 (ATMega328P)	3	1	AliExpress (Arduino Kit)	Kiwi-electronics	1	\$ 15.00	€ 15.00	
5	SI1145	Measuring UV	1	1	Kiwi-electronics	Adafruit	1	\$ 10.00	€ 10.00	
6	BMP280	Air Pressure and Temperature	1	1	Kiwi-electronics	Adafruit	1	\$ 11.95	€ 11.95	
7	Wiring	A Bunch of Jumper wires	1	1	Scavenged	Aliexpress		\$ -	€ -	
8	12V 3A Power Adapter	For powering the Anemometer	1	1	Scavenged	AliExpress	1	\$ 3.00	€ 3.00	
9	5V 1A Power Adapter	For powering the Raspberry Pi	1	1	Scavenged	AliExpress	1	\$ 3.00	€ 3.00	
10	Adafruit Anemometer	For measuring windspeed	1	1	Kiwi-electronics	Adafruit	1	\$ 55.00	€ 55.00	
11	Extension cord	To have more range for positioning the station	1	1	Gamma	Hubo	1	\$ 10.00	€ 10.00	
Total				11					€ 156.31	