

Table 1: Showing the items requiring a quotation from Mantech Electronics

<b>Component</b>	<b>Specifications</b>	<b>Quantity</b>	<b>Vendor</b>	<b>Part Number</b>
Arduino GSM GPRS Shield	SIM900 Quad Band GSM GPRS Shield, Embedded TCP/UDP	1	<a href="#">Mantech</a>	<b>EB0059 / 180966 *D*</b>
Diode	Diode rectifier axial 50v 1a	2	<a href="#">Mantech</a>	<b>1N4001-BP</b>
Humidity Sensor	Humidity sensor board / module [GHITRON]	1	<a href="#">Mantech</a>	<b>HMZ-333A1</b>
LDRs	LDR 3x4 RL=10K RD=1M MEC	1	<a href="#">Mantech</a>	<b>GL4526 10-20k</b>
Micro SD Card Module	Arduino Micro SD Card Reader Compatible with Arduino [KEYESTUDIO]	1	<a href="#">Mantech</a>	<b>MD0043 / 180880</b>
Relay Switch (min rating 10V, 2A, 20W)	5V One 1 Channel Relay Module Board Shield with optocoupler Support High and Low Level Trigger.	1	<a href="#">Mantech</a>	<b>KY0019-5VDC</b>
Soil Moisture Sensor	Capacitive type moisture sensor	2	<a href="#">Mantech</a>	<b>CSMS-V1.2 / 200237</b>
Solenoid Valve	3/4inch 12VDC SOLENOID VALVE, MAINS PRESSURE OPERA [EIE]	1	<a href="#">Mantech</a>	<b>FPD-270A-102-12VDC / 180022</b>
Waterproof Temperature	Temperature Sensor - DS18B20 - 1M	1	<a href="#">Mantech</a>	<b>DFR0198 / 180993</b>

Sensor				
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