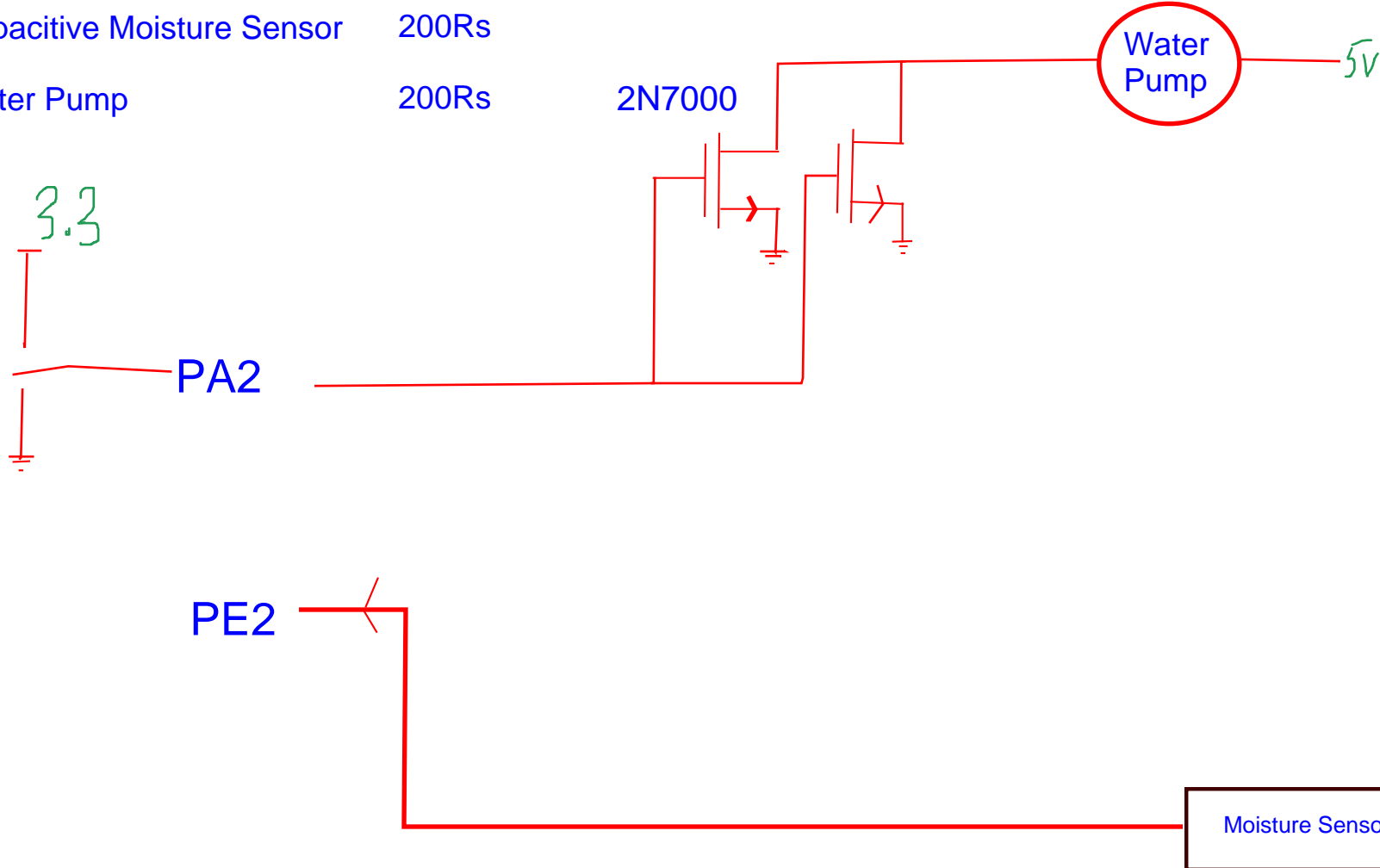


Component	Price
2n7000	40Rs
Capacitive Moisture Sensor	200Rs
Water Pump	200Rs

## Section B

2020-EE-162  
2020-EE-158  
2020-EE-67



I have tested that Moisture Sensor at  $V_{cc}=5V$  gives output signal of around 3V in air and 800mV in water, based upon this signal strength we will send 3.3Volt signal to mosfets. One 2N7000 mosfet can provide upto 200mA current combine they will be able to provide upto 400mA current ,our motor can draw 300mA current at 5V when running at rated power.