**COMPONENTS REQUIRED:**

* **RFID card** – <https://www.ebay.de/itm/RFID-RC522-Kit-Raspberry-Pi-rduino-Mifare-Kartenleser-Modul-Reader-Writer-NFC/252715001811?hash=item3ad6fce7d3:g:6ycAAOSwl29b4H59>
* **RFI Tag** – <https://www.ebay.de/itm/5-X-RFID-IC-Schlusselanhanger-Keyfobs-Token-NFC-TAG-Keychain-13-56-ArduinoYECSH/402038522646?hash=item5d9b5d0316:g:j4QAAOSwlV9WTsWk>
* **PI Camera CSI Interface** – <https://www.amazon.de/AZDelivery-%E2%AD%90%E2%AD%90%E2%AD%90%E2%AD%90%E2%AD%90-Kamera-Raspberry-gratis/dp/B01M6UCEM5/ref=sr_1_15?dchild=1&keywords=pi+kamera&qid=1590439198&sr=8-15>
* LM 393 temperature sensor - <https://www.ebay.de/itm/Arduino-ESP8266-digital-temperature-LM393-3-3V-5V-NTC-thermistor-sensor-modul/282714224368?hash=item41d314b6f0:g:v2oAAOSwi8xZ90xW>
* PIR Sensor/Ultrasonic sensor – Pack of 5 (Amazon) –

<https://www.amazon.de/AZDelivery-HC-SR04-Ultraschall-Entfernungsmesser-Raspberry/dp/B072N473HD/ref=sr_1_6?dchild=1&keywords=ultraschallsensor+hc-sr04&qid=1590439663&sr=8-6>

* Breadboard - <https://www.ebay.de/itm/3x-Breadboard-Steckbrett-fur-Arduino-Funduino-Raspberry-Pi-Mikrocontroller/153929388108?_trkparms=ispr%3D1&hash=item23d6e8104c:g:oM0AAOSw85JeusFz&enc=AQAEAAACYIQvEcHUrT7nmUC3yY5qbPyaBN1nJEDYW8MyypsJPgXKWvGWBPIgzGbX1fJ04aU6u3FJXHJ1M9lE7TYOX1kCThH01JP%2FSXERpHt7nE2nBFw62lEF%2Fi5ktZilzZQCXFDvl2rVNOqDhHycCSIGW4LUXQ915eaOSQEPd2lUaCPvdRbjsHPGA9YXSN8LAdF9t94JuLdn80XqrvT4jKp32wlSNw8hc9sPxipt2C0dZXLJHapBrdawJrEjTPa%2Bvc9gAefQ7nP4gGdZMNVScnol8IacNHomCWzQftGFitdr2S6ocVoWUDTtqB7RNsvmyVm26r9dR8Mw2RKT29lF79AgyItuowiuBGC0uZIdd7%2BCrDVmklkWpYPaDx8M3OSEdVYEMpNw6lmMQSrKGcNtriyFku%2F6mRj2TWST2onsCcVATK1xg%2F%2BkX%2BinVXUxHdl1oWSOuDdk25BL01bOLiNjcpObeu79IYGilXuJ0gjumcdECbzH7l65jte2WJ2k%2FSbULCqfMZRcweAkswW%2B19iy85OGfyWbLTs5Kawok%2FtENOry7hSIvoCRF%2FPW6ydR4MXMdu5jK%2FHXcSiivxeyDN%2FPEoJxSOjcF25oEmzgx741PFKwTCblsdPF1B9tBS4SkX8K98wJykLdb3LZZlrdrxPo1%2FQQrnooIG7cpXoqai7BxFXduSeFT86aJlSCWNxWwgIUHDsvxEbmkJA61gEb0mpM5qFLJyZsL20tcDjRN41%2F6bPjpfvzfWI%2FIpT14NmJmFxwuayh5nooVupxpXH6AnjHOmFfuqbewotNUaaEnxA4IrZpqcma4D%2FS&checksum=15392938810823a7a233120e4d65af0c851103ea9ce3>

3 Breadboards – We can share with other team also. Ask Deepak if they want one.

* Jumper wires - <https://www.ebay.de/itm/40Pin-20cm-Dupont-Kabel-Jumper-Wire-Linie-Kit-Pi-Arduino-Breadboard-M-F-M-M-F-F/353083105920?hash=item523564a280:m:mS-HdH3Q2BOvJ5yHeQLYpdg>
* LED - <https://www.ebay.de/itm/LED-5mm-Rot-klar-hell-10-20-30-100-x-Stuck/283776889404?_trkparms=ispr%3D1&hash=item42126bb23c:m:mly-q7yYbpldQwEN_SHL2sQ&enc=AQAEAAACYIQvEcHUrT7nmUC3yY5qbPyaBN1nJEDYW8MyypsJPgXKVlA44ZLASBNW4fVOteB5X%2Bzh5aRZA9Lb4YbkPWijQkvnPJ6%2BiOYMxT3kC%2FV8eV1C%2B84rsqjPIgwpc4JlI2dNh6%2F8UxmzYJHzlgnvfERnRLa5AE10XbWgiIgG6n%2BMmZfd%2BuKFcmlP81pVCwLyKtLtCRQgY7cMqccWvMkfAr64w7wDGpe9%2FfdKCQdvNzXl9Pdsyx7FtbHHxY4y5gii8xDMYspDkQbuSLjANPFUkpibvnE98YfLa6E%2BdyNDWFd6C9VhIulS%2F%2BXCh9csdRfTnZl2Ub1LNxtL6oaB6o4OfNJ94o7xfvDWLsMCrLVXAj3FC2NQOGIy5mXCnpHsG5RFRs2SFvk48jb%2FkbzNsM6F4aZhHNj7T%2FUsaqUNdNGlRLOxxGU%2Bp4ipVaaDhMfNCFlC19aiTe%2FGWNKp%2FADaxwnoFaqwMt%2FkkPOT0%2FMu8t1%2BW7LiTa2JfseKEcQEeK0rA0spBg6untHhmcYkziAA8kMWplYl2BgGIzsZ32ygQ1Rqf4XmDLkVj2CWidxjNiVkyX8Na9JVOo%2Bob9HYqBZf%2BjkMBMRYoYHYQ3eBovzHeDmLoQ0nnFCUO0%2FF6qkGyTEMlHFXV9S%2FtptOu5ARN5wptcBMuTw0a2mzMM%2F9Mw2ItgFad8Gk6vDeHXG2ZSVboy7mUaq%2BfP%2BNaGUxPw3XHfZRnxuHiY0WGZP5XL4bbrzzg0l%2F2Gf%2FEdaJpSpAxelLtFaYM8uCAScf5GBr6T5Z8MkECoEyigdGOvVr6xfEWI8luThfpgt80zm1&checksum=283776889404dab25a2c107045d6918c3d986f86f013>
* 5V DC Water Pump

<https://www.amazon.de/0Miaxudh-Wasserpumpe-ger%C3%A4uscharmer-b%C3%BCrstenloser-Mikrotauchwasserpumpe/dp/B07RT88YD2/ref=sr_1_17?dchild=1&keywords=5v+dc+wasserpumpe&qid=1590440786&sr=8-17>

* Pipe – We can check with someone (Water Bottles might have)
* Transistor – Once we will check with running DC motor from orange PI. If it doesn’t work , we can buy transistor.