**Walchand College of Engineering, Sangli**

Date:

To,

Dr. S. D. Ruikar,

HOD Electronics,

WCE, Sangli

**Subject:** Request For Electronics Components For Mini Project -2

Respected Sir,

I am writing to request for electronics components required to build the Dynamic wireless charging system. Below is the breakdown of the components required:

|  |  |
| --- | --- |
| **Component** | **Unit** |
| Arduino Uno (with Cable) | 2 |
| 12V Transformer(step up) | 1 |
| 16X2 LCD | 1 |
| Enamelled Copper wire ( 0.4-0.6mm) | 1 (20 meter) |
| Voltage sensor module 25V | 1 |
| 12V power adapter | 1 |
| Dual shaft BO motor with wheels | 4 |
| Rechargeable Li-ion cell 3.7V | 2 |
| Solar panel (12V) | 1 |
| Transistor(2N2222A) | 10 |
| Resister 27k | 10 |
| battery 12V | 1 |
| Led(red,green) | 4(2 each) |
| Battery holder with wire 18650X2 (9V) | 1 |
| switch | 2 |
| 4 channel relay | 1 |
| Ultrasonic sensor | 2 |

Sincerely,

Tushar Gajbhiye 21410023(TY ELN) (7666541663)

Abhishek Sadale 21410025(TY ELN) (8624093162) Project Guide

Vaibhav Lonkar 21410027(TY ELN) (9284965676) Dr. S. D. Ruikar Sir