

Smart Islamic Device

This document caters the cost break down for the said device. All incurred cost is added along with step wise distribution and payment procedure.

The project will be milestone based with three individual milestones namely:

1. Schematic Design.

- Rohs compliant component selection.
- Library Design.
- Schematic Design.

Above mentioned tasks will share a total of 60% cost. With schematic equaling to 40% and Library design and component selection equaling to 20% of total cost.

2. PCB Design.

- PCB design will incorporate Altium based design.
- Renderings and deliverables for manufacturing.

This section will make up 40% of the total cost.

3. Service Cost.

- Total cost is estimated to be 30,000 PKR. Which includes only the above-mentioned services.

4. Services Cost Breakdown.

This project will be divided into milestones, schematic design & PCB design. Payments will be required on completion of each milestone.

- Schematic Design 60% of 30,000 = 18,000 PKR.
- PCB Design 40% of 30000 = 12,000 PKR.
- This cost includes 5 revisions for schematic and PCB.

5. Manufacturing Cost.

- Vendor dealing and order placing.
- PCB hardware testing.

Following tasks will amount to a total of 10,000 PKR, this includes vendor dealing and inquiry, placing order for PCB manufacturing, PCBA and testing once PCBA is received.

Initially after PCB design is complete and ready for manufacturing we will place order for 2 PCB board assembly for testing purposes.

This cost does not include:

- Fabrication (PCB)
- Assembly (PCBA)
- Shipping
- Customs Duty

These costs will be covered in full by the client.

6. Mechanical Manufacturing.

Mechanical enclosure design and manufacturing will follow below mentioned breakdown:

- 3D Concept Design.
- 3D design integrated with electronic components and all accessories.
- 3D material realistic render images.
- Material, color codes and texture selection.
- 3D design prototype for 3D printing.
- Screws and all kinds of fastener selections and order according to design.
- Detail drawings dimensions.
- Vendor Searching for manufacturing.

Deliverables:

- 3D STL files for 3D printing.
- 2D STEP files (source file).
- Detail drawings in PDF format.

Above mentioned mechanical manufacturing tasks will cost 45,000 PKR and will be collected after delivery of the above-mentioned **deliverables**.

**3D printing cost not included.*