Harsh Goel

Sam Klein

Chris Rioux

Jeff Visk

Walker Design Report

1. **Full 3D Cad**
2. **PVA Analysis**
3. **Leg Motion Analysis**
4. **Bill of Materials**

Table XX. Bill of Materials

|  |  |  |
| --- | --- | --- |
| **Part Name** | **Material** | **Quantity** |
|  |  |  |

Table XX. Parts to be Purchased

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Vendor** | **Part** | **Part No.** | **Web Link** | **Cost** | **Quantity** |
| McMaster | Binding Posts | 90249A610 | <https://www.mcmaster.com/90249a610> | $9.69/100 | 1 |
| ServoCity | Motor Gear | *KPL32-32-12* | <https://www.servocity.com/0-125-1-8-bore-32p-shaft-mount-pinion-gears-steel#199=320> | $5.99 -  $6.99 Shipping | 1 |
| Innov. Studio | ⅛” Acrylic | -- | -- | $10.00 | 2 |
| Innov. Studio | ½” Acrylic | -- | -- | $30.00 | 1 |
|  |  |  | **Total Cost** | $62.67 |  |

1. **Engineering Drawings**
2. **Timeline**