

Appendix 3 - Simulation design and supplier contract

DESIGN

The design to be produced in the simulation can be found here, alongside pictures and instructions:
<https://www.thingiverse.com/thing:2443844>

SUPPLIER CONTRACT

PRODUCTION ORDER

<i>Delivery date</i>	Two weeks after order confirmation
<i>Production quantity per supplier</i>	6
<i>Price per item</i>	2 Ether (Test ether)
<i>Order value per supplier</i>	12 Ether (Test ether)
<i>Total production order value</i>	36 Ether (Test ether)

PAYMENT

<i>Upfront payment amount</i> <i>(after the contract is signed, before the first-off is made)</i>	10%
<i>Upfront batch payment amount</i> <i>(after the first-off is approved, before the main batch)</i>	40%
<i>Final payment amount</i>	50%
<i>Date of final payment</i>	Immediately after main batch quality approval

ACCEPTABLE QUALITY LEVEL

<i>First-off</i>	Must be perfect
<i>Main batch</i>	
• <i>quality control quantity</i>	6 (i.e. all parts for each supplier)
• <i>acceptable quantity of major faults</i>	1
• <i>acceptable quantity of minor faults</i>	3

FAULT DEFINITION

<i>Major faults</i>	sharp or hazardous parts, significant damage, visible cracks or compromised structure, multiple materials, >+/- 20% size tolerance
<i>Minor faults</i>	chips, minor cracks, surface imperfections, small loose strands of filament, colour variations, +/- 0-20% size tolerance

