

# SDP Pricing Guidelines

Budgets should include £5-10 for consumable items as applicable eg. the big roll of paper, coloured paper and card, coloured tape etc.

Painting costs £2 (paint and painter)

3D Printing is a half hour charge for technician time and 5p a gram for the standard material used (PLA).

PCB manufacturing is a half hour of technician time plus the cost of material (divided down from £15 for single sided and £17 for double sided A3 sheets)

RSPro struts are £41 per metre

Angle joints for RSPro struts are £5 each

All other RSPro fixings(eg inserts, end caps, cable tidies etc.) should be accounted for as part of your misc items list.

Peg board is £12 per 1220 x 2440mm sheet

Angle brackets and nuts and bolts should go on your misc items list.

6mm x 1220 x 2440 MDF = £8 per sheet

9mm x 1220 x 2440 MDF = £11 per sheet

Wooden struts = £2.50 per metre

Onecall.farnell.com and RSwww.com prices should have 20% deducted from face value costs( to account for the Universities discount)

Arduino Kit = £60 +£70 for 2 motors

EV3 Kit = £371.99 Per kit - £316.20 - Price break for 10 or more kits

Raspberry Pi Kit = £210 (no motors, sensors or encoders included)

Turtlebot Waffle = £1275.80

Turtlebot Burger = £475.57

Pincher X 100 Robotic Arm = £504.60

EV3 Brick = £247.19

EV3 Battery = £86.39

EV3 Battery Charger = £32.39

EV3 Large Motor = £32.39

EV3 Medium Motor = £25.79

EV3 Colour Sensor = £32.39

EV3 Gyro = £32.39

EV3 Touch Sensor = £19.19

EV3 Ultrasonic Sensor = £32.39

Wifi USB Adaptor = £5

Raspberry PI 3 = £30

Raspberry PI Camera = £20

Phidget 8/8/8 Board = £93.31

Powerbank = £15

Arduino Uno = £19

SRF USB Stick = £5

Bluetooth USB Stick = £5

Power/Interface Board for Arduino = £10

Motor Board = £10

Encoder Board = £10

Encoders = £1

AA Rechargeable Batteries = £1.20 each

NXT and RCX motors = £32.39

Lego = £15 per kg

Prices for parts not mentioned above can be obtained from :- [onecall.farnell.com](http://onecall.farnell.com),  
[uk.rs-online.com](http://uk.rs-online.com), [active-robots.com](http://active-robots.com) and [robosavvy.com](http://robosavvy.com).

Prices for raw materials can be found on the budget guidelines document.