Project Price Breakdown

Central Controller

Item	Qty.	Price (ea.)
Mbed LPC1768	1	50
Micro SD card 2GB	1	7.5
Micro SD slot breakout board	1	4.95
Xbee module	1	24.95
JST-XH connector 4pin	2	0.37
JST-XH connector 2pin	3	0.4
Customized PCB (locally milled)	1	0
Miscellaneous (pushbuttons, transistors, etc.)	1	5
Total		**94.34**

LED POV display

Item	Qty.	Price (ea.)
Mbed LPC1768	1	50
Xbee module	1	24.95
Customized PCB (locally milled)	1	0
DC Motor (Scavenged part)	1	0
Custom wooden case (½" mdf sheeting)	1	9.88
Slip ring	1	7.49
Pulleys and belts (3D printed)	1	0
Bearings	2	0.81
Hall Effect Transistor	1	0.70
LED strip (DotStar)	.5 meter	49.95
Total		**145.29**

Flip clock (2 modules)

Item	Qty.	Price (ea.)
Arduino Nano	2	13.24
Stepper motor driver & stepper motors	2	8.65
JST-XH connector 4pin	4	0.74
Customized PCB (locally milled)	2	0
3D printed case	2	0
Vinyl Sheeting	2	27
Hardware (nuts, threaded rod, etc.)	n/a	17
Total		**117.74**

$10 for
Wires, power connectors, pin headers, nylon tighteners, and other accessories

Final Total: $367.37