

**PLATO budget (cost AUD)**

		Unit cost	qty	total	spares
<b>POWER</b>				<b>56880</b>	
Engine	Hatz 1B30	3370	4	13480	
Alternator	e-cycle	3000	4	12000	
Engine mounts	vibration damping	500	4	2000	
Fuel tanks	3000 lt			6500	
Fuel lines				2000	
Fuel filters		250	4	1000	500
Oil tanks and lines		250	4	1000	
Air filters		200	4	800	400
Exhaust system		800	4	3200	
Thermal control				2000	
Batteries	Gel 12 V 100 Ahr	600	4	2400	
Solar panels	BP2150 (150W)	1000	8	8000	
Solar panel mounts				1500	
MPPT	AERL Maximizer	1000	1	1000	1000
<b>COMPUTER</b>				<b>19920</b>	
PC104 processor	DSP TPP3	730	3	2190	730
PC104 multi-com	Parvus	220	3	660	220
PC104 power supply	D104-PCS20	190	3	570	195
PC104 components		400	3	1200	400
Flash memory	2 GB FDHD	1300	6	7800	2600
Iridium	L-band transiever	1200	4	4800	
Computer cases		500	3	1500	500
USBHD	Maxtor GB	300	4	1200	300
<b>COMMS</b>				<b>4100</b>	
Ethernet hub	16 port	500	1	500	500
RS232 multiplexer		800	1	800	800
USB multiplexer		800	1	800	800
USB hub	8 port	400	1	400	400
Webcams	Watec	400	4	1600	400
<b>Electronics</b>				<b>5200</b>	
Power distribution PCB			1	800	800
ADC/DIO PCB		400	2	800	800
Super WW PCB		200	4	800	
Wiring/ cabling				2000	
Rack housing		800	1	800	
<b>PLATO</b>				<b>33000</b>	
Structure				25000	
Mechanical				4000	
Toolkit				4000	
<b>TOTAL</b>				<b>119100</b>	<b>11340</b>