Table 1: Bill of Materials

	\$2,544.80			Total Cost Estimate	To	
https://www.kelloggsresearchlabs.com/Nitinol/Nitinol-spri \$300 ngs?product_id=315	\$300	5 coils 5mm wire	Nitinol Torsional Spring 5 coils 5mm wire	Actuate vents	Shape memory 2 material	Smart 7 Material
https://www.alliedelec.com/ebm-papst-55416-27250/70 105093/?mkwid=sNCm3u1fw&pcrid=30980760979&pkw =&pmt=&qclid=EAIaIQobChMI_KKB-onz3qIVdBh9Ch2qa \$76.60 02FFAOYAvABEaL8cvD_BwE	\$76.60	108 × 201 × 90 mm	Blower	Distributes air into building	2 Cross Flow Blower	6 Fan/Blower
\$50.70 https://filterbuy.com/air-filters/20x20x2/	\$50.70	20 X 20 X 2 in	Filter	Filters incoming air into building	6 HVAC FIlter	5 Filters
https://www.wholesalesolar.com/2931725/sma/inverters \$1,325 /sma-sunny-boy-5.0-us-inverter	\$1,325	28.5 X 21.1 X 7.8 in	Inverter	Converts DC power to AC	1 Power converter	4 Inverters
https://www.altestore.com	\$310.00	3 × 5 ft	Solar Panel	Collects Solar	2 Panel to collect solar Collects Solar	3 Solar Panel
https://www.metalsdepot.com/steel-products/steel-sheet	\$346.50	5 x 10 ft	Galvanized Steel Sheet	Protects Against Weather	3 Side and top sheets	2 Panelling
https://www.metalsdepot.com/steel-products/steel-squar e-tube?gclid=Cj0KCQiArenfBRCoARIsAFc1FqdhaOSaj8nm PqN66L11h9nli7oxGVXlLfjY-YzKZQzetZdFmu3YRxMaAq0u	\$136.00	1-1/2 X 1-1/2 X 1/4 wall (in) Length: 20 ft	A500 Square Steel Tube	Structural Integratey	4 Structure of design	1 Frame
Link to Cost estimate	Cost	Dimensions	Material	Functions	Qty Description	Part # Part Name Qty Description
cency	Energy Effic	Bio Inspired Energy Efficency			Team	_
		Bill of Materials	Bill of N			

The Bill of Materials represented (Table 1) does not match the Computer Aided Design file which is submitted along with this. This is due to a large amount of refining needing to be done on the proposed design. The Bill of Materials we have shown are the hypothesized materials we believe will be used in a complete design. This Bill of Materials may have more components added and could have components removed as well.