ITEM	PRICE
Libre SBC computer - Tritium H3-H5	$35.00
Arduino Compliant ELEGOO MEGA R3	23
PWM Servo Motor Driver IIC	14
10 pack micro servo motors	20
Momentary switches	8
linear actuator 12v	33
pin cables for arduino and SBC	10
8 channel relay module	10
Microwave Radar Sensor	8
12v battery, rechargable	20
12v to 5v step down converter	9
USB Speaker	13
VARIOUS SUPPLIES FOR BASE AND BODY CONSTRUCTION	$150

REASON NEEDED

MEDIA CONTROL AND AUDIO PLAYBACK
SERVO CONTROL - BOTTANGO ANIMATION
SERVER CONTROLLER FOR UP TO 16 SERVOS
SERVO MOTORS FOR EYES EARS MOUTH WING EXTENSION
FOR interactive sound playback soundboard
FOR WINGS OPENING AND CLOSING
FOR WIRING
FOR DC MOTOR CONTROL HEAD TURNING - MISC LIGHTS
FOR MOTION SENSING AT NIGHT AND DAY - INTERACTIVE
FOR SELF CONTAINED POWER
FOR SHARED BATTERY BETWEEN MICROCONTROLLER AND MOTORS
FOR INTERNAL AUDIO - BRIDGE TO PA MAYBE
FOR MATERIALS TO BUILD BODY AND PERCH

LINK

https://www.amazon.com/Libre-Computer-Tritium-Single-Heatsink/dp/B0BRZW3B74/ref=sr_1_9?crid=2D4C

https://www.amazon.com/ELEGOO-Compatible-Arduino-Projects-Compliant/dp/B01H4ZLZLQ/ref=sr_1_2_ss

https://www.amazon.com/HiLetgo-PCA9685-Channel-12-Bit-Arduino/dp/B07BRS249H/ref=sr_1_1?crid=APK

https://www.amazon.com/DaFuRui-10PCS-Motor%EF%BC%8C-Arduino-Helicopter/dp/B0CDGZ6CG6/ref=sxi

https://www.amazon.com/gp/product/B083JWJPW5/ref=ppx_yo_dt_b_asin_title_o00_s00?ie=UTF8&th=1

https://www.amazon.com/Actuator-Internal-Automotive-Industrial-50mm-15mm/dp/B09NDP9T68/ref=sr_1

https://www.amazon.com/dp/B0BYCKQV9J?ref=ppx_yo2ov_dt_b_fed_asin_title

https://www.amazon.com/gp/product/B00KTELP3I/ref=ppx_yo_dt_b_asin_title_o02_s00?ie=UTF8&psc=1

https://www.amazon.com/RCWL-0516-Detection-Microwave-Raspberry-Detector/dp/B07GCHY9K6/ref=sr_1

https://www.amazon.com/ML7-12-Battery-Mighty-Brand-Product/dp/B00K8V30D0/ref=sr_1_6?crid=3ITYE5

https://www.amazon.com/DC12V-24V-Converter-Module-Adapter-Application/dp/B0B6NZBWV4/ref=sr_1_1

https://www.amazon.com/HONKYOB-Speaker-Computer-Multimedia-Notebook/dp/B075M7FHM1/ref=sr_1

various

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