Student Project Order Form

Form # XX

Autonomous Swarm Drone

Delivery Information Name: Krishnanand Kaipa

ODU Address: 4635 Hampton Boulevard, 238 Kaufman Ha

Phone Number: 802-324-4386

Total Funding: $3709.36

ITEM DESCRIPTION	VENDOR NAME	PART/ITEM NUM	QUANTITY	UNIT COST	OST (including	LINK
Cube Orange+ Standard Set ADS-B (IMU V8)	IR-LOCK	HX4-06222	2	$350.00	$700.00	://irlock.com/collections/pixhawk2/products/cube-orange-standard-set-in
Tattu 5200mAh 14.8V 35C 4S1P Lipo Battery Pack with XT60 Plug	Tattu GensAce	35C-5200-4S1P-X	4	$62.99	$251.96	nstattu.com/tattu-5200mah-14-8v-35c-4s1p-lipo-battery-pack-with-xt60-
nsAce Imars Dual Channel AC200W/DC300W Balance Charger Bl	Tattu GensAce	GEA200WDUAL-U	1	$118.00	$118.00	stattu.com/gensace-imars-dual-channel-ac200w-dc300w-x2-balance-cha
ng Range Remote Controller with 7 inch HD High Brightness LCD	Arris Hobby	LA0286	2	$619.90	$1,324.88	-mk32-long-range-remote-controller-with-7-inch-hd-high-brightness-lcd-
Ultrasonic Distance Sensor - HC-SR04	SparkFun	SEN-15569	16	$4.50	$82.80	https://www.sparkfun.com/products/15569
niversal Micro Crimping Pliers - 1.0 to 1.9mm Size Contacts - PA-(	adafruit	350	1	$49.95	$59.75	https://www.adafruit.com/product/350
HereFlow	IR-LOCK	HX4-06076	2	$125.00	$250.00	https://irlock.com/products/here-flow?_pos=1&_sid=cfc2f2515&_ss=r
Slamtec RPLIDAR A1-360 Laser Range Scanner	adafruit	4010	2	$99.95	$199.90	https://www.adafruit.com/product/4010
Jessie Premium PLA 2.85mm X Blue Ice 1kg	Printed Solid	N/A	1	$20.00	$31.20	ice?variant=39415143923797
EV-Peak CellMeter-7 Battery Capacity Checker	getfpv.com	8036	2	$12.99	$32.53	ttps://www.getfpv.com/ev-peak-cellmeter-7-battery-capacity-checker.htm
Jessie Premium PLA 2.85mm X Overcast Grey Glitter 1kg	Printed Solid	N/A	1	$21.00	$32.26	solid.com/products/jessie-pla-2-85mm-x-1kg-overcast-grey-glitter?variar
Flywoo 5V/12V 2A BEC Module w/ Switch	getfpv.com	17650	2	$6.99	$19.81	https://www.getfpv.com/flywoo-5v-12v-2a-bec-module-w-switch.html
Hexsoon EDU-450 V2	IR-LOCK	HS014	2	$239.00	$478.00	://irlock.com/products/hexsoon-edu-450-v2?_pos=1&_sid=32f7d2c7e&_
SIYI IP Camera for SIYI AK28 VD32 MK15	Arris Hobby	PA0134	2	$42.99	$92.87	arrishobby.com/products/siyi-ip-camera-for-siyi-ak28-vd32-mk15?Variat
			Total Cost		$3,673.96	

Contracted Vendors https://www.odu.edu/facultystaff/university-business/purchasing/contracts

SWaM Vendors SWaM - Old Dominion University (odu.edu)

Approval Signatures

Team Member Natalie Jones *Date* 23-Jan-23

Faculty Advisor Krishnand Kaipa *Date* 1/23/2023

BSC Approval *Date*

Justification for Utilizing a Non-Contract/Non-SWaM Vendor

Vendor Contact Log

Contact Date	Person Contacted		Contract or SWaM Vendor	Notes