



REPLY TO
ATTENTION OF

DEPARTMENT OF THE ARMY
U.S. ARMY MISSION AND INSTALLATION CONTRACTING COMMAND
925TH CONTINGENCY CONTRACTING BATTALION
31 QUARTERMASTER ROAD
FORT DRUM, NY 13602-5220

SPECIFICATIONS AND COMPONENT LIST FOR ELECTRONICS SENSOR KIT

Total number of kits required is 1,200. Each kit will contain:

	<u>Parts to KIT:</u>	<u>qty</u>	<u>Description</u>	<u>Vendor</u>	<u>Part#</u>
1	Shield Display	1	Circuit Playground TFT Gizmo - Bolt-on Display + Audio Amplifier	Adafruit	4367
2	USB Cable	1	USB cable - USB A to Micro-B - 3 foot long	Mouser	490-CBL-UA-MUB-1
3	Headers	1	12-pin female header	Mouser	474-PRT-14321
4	Breadboard	1	Tiny breadboard	Mouser	563-BB-32650-W
5	Jumper Wires	4	4 inch Male/Male Jumper Wires	Sparkfun	PRT-14284
6	Solder	1	Solder Tube Kester 60/40 21AWG .031" Dia."10 inch length"	Digi-Key	KE1106-ND
7	Phillips Screw	2	Zinc-Plated Steel Pan Head Phillips Screw 4-40 Thread, 3/8" Long	McMaster-Carr	90272A108
8	Hex Nut	2	"Low-Strength Steel Hex Nut Zinc-Plated, 4-40 Thread Size	McMaster-Carr	90480A005
9	Clear Feet	4	SMALL HEMISPHERE CLR 56 PER PAD	Mouser	517-SJ-5303CL
10	Power Supply	1	5V 1A (1000mA) USB port power supply - UL Listed	Mouser	552-AQ03A-050A-R

2. The above parts are to be packaged in a small bubble pack envelope with a parts inventory sheet.

3. The outside of the envelope must be labeled "CY105 KIT A/Y '24"