ADDENDUM #1

June 21, 2024

RE: *RE-BID* Bid Number: 50012-568-24B for Living with Cyber Curriculum Kits

- Sealed Bids are still due at 2:00PM on Wednesday, July 10, 2024 in the Office of Purchasing located in Keeny Hall room 408 (208 Keeny Circle, Ruston, LA 71272)

- **Questions and Answers**
  - Would speakers integrated into the LCD be okay to substitute for the USB powered speakers line item?
    - Yes, speakers integrated into the LCD would suffice as a substitute
  - Resistors noted are 0.6mm leads. Could you confirm this is supposed to be 6.0mm leads?
    - 6mm leads are what was intended. As long as the leads allow for the resistors to be easily used in a breadboard, we should be fine.
    - **Pages 2-3 of the bid packet/specifications is hereby updated and replaced. OMIT THE ORIGINAL PAGE 2-3. PLEASE USE THE UPDATED/ATTACHED PAGE 2-3 WITH YOUR BID RESPONSE.**
  - Do all items need to be prepackaged in the carrying case or do all components need to fit within the case?
    - Prepackaged in carrying case is preferred so that we can immediately start distribution.
  - Is the August 1 delivery date firm?
    - Our school term starts early September and we would definitely need them before then. So, August 1st is a little flexible i.e. +/- 3 weeks.

All other specifications remain unchanged.

Sincerely,

Zynthia L. Rhodes

Zynthia L. Rhodes
Assistant Director of Purchasing
Louisiana Tech University
(318) 257-4205
zrhodes@latech.edu

Schedule of Items

Important: If bidding other than requested brand and product number (or style), please enclose sufficient literature to determine compliance with specification. Failure to comply with this request may eliminate your bid from consideration. Any manufacture's names, trade, brand names, or catalog numbers used in the specifications are for the purpose of describing and establishing general quality levels. Such references are not intended to be restrictive. Bids will be considered for any brand, which meets or exceeds the quality of the specifications listed for any items.

ITEM	Description	QUANTITY	UNIT PRICE	AMOUNT
1	Raspberry Pi 400 (or equivalent single-board computer)	1		
2	10" LCD touchscreen (Raspberry Pi Foundation TFT or equal)	1		
3	*5V 2.5A power supply (for the Raspberry Pi and touchscreen)	1		
4	*16 or 32 GB (preferred) microSD card with our custom image pre-installed. Image available upon request.	2		
5	Case for LCD touchscreen (SmartPI Touch or equivalent; with USB splitter to provide power to both the Raspberry Pi and touchscreen simultaneously)	1		
6	*USB (wired) keyboard - (must not be wireless)	1		
7	*USB (wired) mouse - (must not be wireless)	1		
8	**USB-powered speakers (capable of producing reasonable quality sound; with 6" or longer 3.5mm audio cable)	1		
9	Mini screwdriver (reversible, to support both phillips and flat head)	1		
10	Full-size breadboard with internal connectivity across both halves of the power rails	1		
11	GPIO breakout board (must directly supply 5V, 3.3V, and GND to the breadboard power rails) with 12" to 24" ribbon cable (must have a terminal connector with an orientation tab) and short circuit protection (must protect the Raspberry Pi from accidentally shorting the power rails to each other and the power rails to GND)	1		
12	6" male-male jumper wires	15		
13	8" male-male jumper wires	15		
14	3" female-female jumper wires	10		
15	S8550 PNP transistors (must be in the TO-92 package)	8		
16	220 ohm 1/4W 5% resistors (with 6mm leads)	25		
17	1K ohm 1/4W 5% resistors (with 6mm leads)	5		
18	2K ohm 1/4W 5% resistors (with 6mm leads)	5		
19	5mm diffused red LEDs	10		
20	5mm diffused green LEDs	5		

Schedule of Items

Important: If bidding other than requested brand and product number (or style), please enclose sufficient literature to determine compliance with specification. Failure to comply with this request may eliminate your bid from consideration. Any manufacture's names, trade, brand names, or catalog numbers used in the specifications are for the purpose of describing and establishing general quality levels. Such references are not intended to be restrictive. Bids will be considered for any brand, which meets or exceeds the quality of the specifications listed for any items.

ITEM	Description	QUANTITY	UNIT PRICE	AMOUNT
21	5mm diffused yellow LEDs	5		
22	5mm diffused blue LEDs	5		
23	5mm diffused RGB LEDs (common cathode)	3		
24	6mm square tactile push-button switches (with breadboard-friendly straight legs)	6		
25	HC-SR04 ultrasonic ranging sensor	1		
26	*Micro-HDMI to HDMI adapter	1		
27	Carrying case (to comfortably fit all of the supplies in the kit; all of the above must be pre-packaged in the carrying case)	1		
28	PIR motion sensor	1		

Guaranteed compatibility of all items

Items marked with * are already included in the original raspberry pi 400 kit and should only be supplied if an alternative kit is quoted.

Items marked with ** should only be supplied if provided LCD screen does not come with inbuilt option.