

**SPECIFICATIONS AND BID FORM FOR
ELEMENTARY AND MIDDLE SCHOOL ROBOTICS, BID # 55-18**

Sealed bids will be received by the Lafayette Parish School System (LPSS) Purchasing Department, 113 Chaplin Drive, Lafayette, LA up to 11:00 a.m. C. S. T., on January 17, 2018 for Elementary and Middle School Robotics Kits/Packs.

All bids shall be submitted sealed to the LPSS Purchasing Department on or before the above time and date, at 113 Chaplin Drive, Lafayette, LA 70508 with a sealed envelope plainly marked **“Sealed Bid #55-18, Elementary and Middle School Robotics” opening January 17, 2018 at 11:00 a.m.”**. **ALL BIDS SHALL BE SENT BY REGISTERED OR CERTIFIED MAIL WITH A RETURN RECEIPT REQUESTED.** At the above time and place bids will be publicly opened and read aloud in the Personnel Conference room.

SPECIAL PROVISIONS

1. **SCOPE:**

- 1.1 The intent of this solicitation is to obtain competitive bids for the estimated annual requirements for **Elementary and Middle School Robotics Kits/Packs** for the Lafayette Parish School System, in accordance with the terms, conditions and specifications contained herein.
- 1.2 **REQUIRED BID SUBMITTALS:** The section titled **BID FORM** and the following supplemental information must be submitted within the time frames specified below.
 - a. **Special Provisions**, Paragraph 5.3, requires descriptive literature to be provided with the bid if an item is offered as an equal to the brand name specified.

2. **PERIOD OF CONTRACT:**

- 2.1 The period of this contract shall be from date of award through the end of school fiscal year, June 30, 2018.

3. **PRICES AND PRICE ADJUSTMENT:**

- 3.1 All prices/discounts shall be F.O.B. Destination, LPSS warehouse, center or agency, and shall include all charges that may be imposed in fulfilling the terms of this contract. Prices/discounts shall remain firm for the duration of the contract. Discounts for prompt payment will not be considered in the evaluation of the bids.
- 3.2 Whenever there is a reduction in price which is lower than the contract price, offered to similarly situated customers contracting for the same period and under the same terms and conditions, said reduction must be presented directly to the Purchasing Department of the Lafayette Parish School System.
- 3.3 Each bidder shall be responsible for including all applicable taxes in the bid price. LPSS is exempt from all State and local sales and use taxes.

- 3.4 **OPEN CONTRACT:** The award of this bid shall be an “open contract” and thus shall be open to the Lafayette Parish School System as well as other Louisiana Public School Systems to make additional purchases from the date of award through June 30, 2018 with vendor consent.

Prices may not exceed the national advertised and available General Services Administration (GSA) governmental price list.

The Lafayette Parish School System does not intend to award or to maintain any item in any group that is offered at a price equal or above the manufacturer’s list price.

4. **QUANTITIES:**

- 4.1 The quantities specified on the Bid form are estimates only, for the information of the bidders. They do not indicate the actual quantity that will be ordered, since such volume will depend upon requirements that develop during the contract period. The awarded bidder will be required to fill all orders placed regardless of the original quantities shown.

5. **SPECIFICATIONS AND LITERATURE:**

- 5.1 Brand name(s) and/or catalog number(s) are given for purposes of identification and to denote the standard of quality desired, and do not, in any way, restrict bidders to a specific make and manufacturer. If there is any deviation in the pack, source, quality, etc., of an item bid from that prescribed in the specification, the specification on the bid form is to be ruled out and the alternate “as equal” and total price clearly indicated in the Alternate “As Equal” section provided. Alternates “as equal” must be functionally equivalent to the item specified.

The Alternate “As Equal” section of the bid form is notification to any potential bidder that equals will be considered in regards to the item descriptions specified within the bid form.

- 5.2 An alternate item “as equal” will only be provided if a bidder is not bidding on the item specifications listed on the bid forms. Any bid response that contains a bid response for an item specified and an alternate “as equal” bid shall be rejected.
- 5.3 Each bidder is required to furnish, with his bid, catalog cuts and/or descriptive literature with full illustrations and detailed specifications for each item offered "as equal" to the brand name specified. In addition, all differences in specifications from brand name must be so marked. Descriptive literature is required for the purpose of bid evaluation and award, details of the product(s) the bidder proposes to furnish as to design, materials, method of manufacture, construction, assembly or operation, as appropriate. **FAILURE TO SUBMIT THE DESCRIPTIVE LITERATURE SHALL BE CAUSE FOR REJECTION OF BID.**
- 5.4 Unless specifically called for in the Specifications, all products for purchases must be new, never previously used, and the current model or packaging. No remanufactured, demonstrated, used or irregular product will be considered for purchase unless otherwise specified in the bid solicitation. The manufacturer's standard warranty will apply unless otherwise specified in the solicitation.

6. SPECIFICATIONS:

DESCRIPTION OF ELEMENTARY & MIDDLE SCHOOL ROBOTICS KIT / PACK
SPECIFICATIONS AND PROFESSIONAL DEVELOPMENT REQUIREMENTS.

6.1 LITTLE BITS – CODE KIT EDUCATION CLASS PACKS

Estimated Quantity: 44

Uses:

Grades: 3+

Number of Students: 18

Hours of Curriculum: 10+

Compatibility:

Mac 10.10 & above, Windows 7, 8 & 10, and Chrome OS 50 & above

Size:

Height 32.38"

Width 44.45"

Length 51.43"

Weight:

10.8 kg/ 24lbs

General Information:

Code Kit Class Packs are bundles of the littleBits Code Kit, configured for varying classroom sizes to make it easy for educators to decide which solution is right for them.

Built for grades 3+ classrooms of 18, 24, and 30 students, Class Packs make it easy to integrate science, technology, engineering, art, and math into your curriculum in an engaging way that ties to standards.

Designed with educators, the toolbox engages students in learning through creating inventions while linking to the Next Generation Science Standards (NGSS) and Computer Science Teachers Association (CSTA) Computer Science standards.

Coding is a fundamental 21st century skill. But in the future, knowing code won't be enough. What you DO with code will be what matters. That's why the littleBits Code Kit was built to facilitate creative problem-solving, combining electronic building blocks with approachable drag-and-drop block programming. It brings coding into the real world, keeps students hyper-engaged as they build and play their own fun games, and gives them a foundation of coding as a creative tool that can power innovative inventions.

Students get started inventing four interactive games: tug-of-war, hot potato, ultimate shootout, and rockstar guitar. From there they can customize the code, and even create new, unique inventions and games. During gameplay, students develop coding & engineering skills as they embrace failure, think critically, make their own

rules, and collaborate. Plus, the kit was co-designed with teachers, for teachers. This ensures it's easy to integrate into any curriculum, makerspace, or library, and aligns to the Next Generation Science Standards (NGSS) and Computer Science Teachers Association (CSTA) Computer Science standards.



Code Kit Features:

- **Easy to teach** Even educators with no prior STEAM (Science, Technology, Engineering, or Math) experience are set up for success with endless resources.
- **Engaging & fun** Building and coding games students actually want to play makes learning relevant and enjoyable.
- **21st century learning** Students embrace failure, think critically, make their own rules, and collaborate while playing & coding games.
- **Coding & engineering skills** Break out of the computer and bring code into the real world to teach foundational coding and engineering concepts.
- **Integrates with Curriculum** The kit aligns with the Next Generation Science Standards (NGSS) and Computer Science Teachers Association (CSTA) Computer Science standards and can be folded into any curriculum or makerspace.
- **Cross-curricular** so educators can bring coding into any makerspace or class - from art to math to STEM/STEAM - with 100+ activities and lessons.

Bits (included):

6-usb power
12-button
6-dimmer
6-slide dimmer
6-pressure sensor
6-sound trigger
18-wire
6-branch
6-codeBit
6-bargraph
6-servo
6-speaker
6-LED matrix

Accessories (included):

18-USB power adapter + cable
6-rechargeable battery
6-servo mount
6-codeBit dongle
12-strips (hook & loop)
24-screws
18-powerSnap
6-mechanical arm
6-servo hub
72-shoes (hook & loop)
6-mounting board (8x7)

Professional Development to include:

- 1) 5 face-to-face professional development days consisting of 4-6 hours of professional development with the Little Bits Coding Kits and the utilization of kits with lessons aligned to Louisiana Student Standards for Science.**
- 2) 10 one-on-one teacher coaching days to be split among predetermined school sites to ensure proper implementation of the devices with their students.**

6.2 LITTLE BITS – STEAM EDUCATION CLASS PACKS

Estimated Quantity: 44

Users:

Ages 8+

Grades 3 - 8

Compatibility:

No computer necessary

Size:

Height 32.38"

Width 44.45"

Length 51.43"

Weight:

10.8 kg/ 24lbs



General Information:

Class Packs make it easy to integrate science, technology, engineering, art, and math (STEAM) into your curriculum in an engaging way that ties to national standards.

Designed with educators, the toolbox engages students in learning through creating inventions while linking to (Next Generation Science Standards) NGSS/Common Core standards.



Bring Powerful STEAM (Science, Technology, Engineering, Arts, and Math) Lessons to Your Classroom

- The STEAM Student Set engages students in STEM/STEAM (Science, Technology, Engineering, and Math/Science, Technology, Engineering, Arts, and Math) learning through creating fun inventions.
- Teaching is easy with electronic building blocks that encourage exploration, experimentation and creativity
- 72-page Student Invention Guide with 8 challenges and 10 companion lessons, plus a 100+ page online Teacher's Guide and Invention Logs
- Sets you up for 16+ hours of step-by-step STEM/STEAM teaching
- All lessons, like "Invent an Art Machine" and "Hack Your Classroom", link to Next Generation Science Standards (NGSS) & Common Core Standards
- Integrates Art & Design into traditional STEM (Science, Technology, Engineering, and Math) learning
- Works for classroom/makerspace instruction or self-directed learning

Bits (included):

- 6 button
- 6 buzzer
- 12 DC motor (tethered)
- 6 fan
- 6 fork
- 6 inverter
- 6 light sensor
- 6 long led
- 6 number
- 6 power
- 6 pulse
- 6 rgb led
- 6 servo
- 6 slide dimmer
- 6 temperature sensor
- 6 usb power
- 12 wire

Accessories (included):

6 battery + cable
18 mechanical arm
24 motorMate
12 mounting boards
12 screwdriver
24 screws
6 servo hub
6 servo mount
144 Shoes (Hook & Loop)
2 Tackle Box
12 USB Power Adapter + Cable
8 wheel

Professional Development to include:

- 1) Five (5) face-to-face professional development days consisting of 4-6 hours of professional development with the Little Bits Coding Kits and the utilization of kits with lessons aligned to Louisiana Student Standards for Science.
- 2) Ten (10) one-on-one teacher coaching days to be split among predetermined school sites to ensure proper implementation of the devices with their students.

6.3 WONDERFUL WORKSHOP CLASSROOM PACK

Estimated Quantity: 22

****Includes 6 individual Wonder Workshop Dash Packs**



- Dash is the most powerful robot companion that kids can use to apply and extend their coding knowledge. Packed with sensors and capabilities, kids can program Dash to move, light up, make sounds, avoid obstacles, and even respond to their voice.
- Dash's expressive personality inspires children to incorporate Dash into their daily lives as their partner in crime and sidekick. Dash can greet you as you're coming home for school, help you deliver a message to a friend, follow you around the house, and instigate adventures and explorations. Dash remembers your code and grows more intelligent as you play together.

- Dash has motorized wheels to move around the house as well as a head that can turn left and right and up and down. Dash has many different ways children can program it – there are 4 buttons, sensors that let it know when it’s about to run into something in front or in back of it; microphones that can hear sound and even detect where it’s coming from in a room; infrared sensors that let it see and communicate with other robots, like Dot. You can even record sounds on your tablet and have Dash play them back!
- Dash works with all of our free apps for iOS or Android, with apps like Go and Path for pre-readers. For older children, we have our Blockly app, which they can use to program Dash all on their own – we include in-app tutorials that let children level up at their pace to give them the confidence and self-reliance to learn coding on their own. They can start out building simple programs, and soon learn how to make complex programs with Dash – all from within the app.
- Dash is even more fun with our accessories, which can take your child’s play even further. Use the smartphone mount to have Dash help film a fun movie with your smartphone. Use the Brick Connectors to add LEGO® or LEGO® Technic bricks to your robot to transform them into whatever your child can imagine!
- Dash comes fully assembled and ready to play right out of the box. With the included USB charging cable, you can plug Dash in, charge for 1 hour, and have over 3 hours of play time.

Years of research have shown us that being able to program a physical object, like a robot, engages kids at a much higher rate than if they’re just moving pixels around on a screen. With Dash, learning code has never been more fun or satisfying.

Get started with Dash & Dot in your classroom in small centers! 6 groups of 1-3 students can work with the robots at the same time.

The Classroom Pack Includes:

- (6) Dash Robot
- (6) Dot Robot
- (6) Launcher
- (6) Accessories Pack
- (6) Building Brick Connector

Included Curriculum:

- (6) Challenge Card Box Set (each has 72 cards)
- (1) Spiral-bound Learn to Code Curriculum Guide
- (36) Comprehensive Learn to Code lesson plans
- (6) Unit assessment projects and evaluation rubrics
- (1) 1-year subscription to the ever-expanding Learn to Code Lesson Library

Users:

Ages: 6+

Compatibility:

To use the wonder robots, a compatible device with Bluetooth 4.0/LE/Smart must be used.

The following are compatible devices:

Apple iOS Devices:

OS Devices 8.1+

Tablets:

iPad 9.7

iPad 3, 4

iPad Air 1, 2

iPad Mini 1, 2, 3, 4

iPad Pro 9.7, 10.5, 12.9*

Phones:

iPhone 4s, 5, 5c, 5s, 6, 6 Plus, 6s, 6s Plus, SE, 7, 7 Plus

iPod Touch 5G, 6G

Android Devices:

OS Version 4.4.2+

Tablets:

Nexus 7 (2013) **

Nexus 9

Galaxy Note 10.1 (2014)

Galaxy Note Pro 12.2

Galaxy Tab 3 8.0, 10.1

Galaxy Tab 4 7.0, 7.0

Nook, 8.0, 10.1

Galaxy Tab Pro 8.4

Galaxy Tab S 8.4, 10.5

Galaxy Tab E 8.0, 9.6

Galaxy Tab E Lite 7.0

Kids Tab E Lite 7.0

Galaxy Tab A 8.0, 9.7, 10.1

Nabi 2S

Nabi DreamTab

Phones:

Galaxy S4, S5, S6, S6 Edge, S6 Edge Plus, S7, S7 Edge

Nexus 5, 5X, 6, 6P

LG G4, G5

Kindle Devices:

OS Version 5.1.2+

Tablets:

Fire Kids Edition ***
Fire HD 6 (2014)
Fire HD 7 (2014)
Fire 7 (2015) ***
Fire HD 8 (2015)
Fire HDX 8.9 (2014)
Fire HD 10 (2015)*

The Go app is not compatible with the iPad Pro. We recommend using the Wonder app instead.

** The Nexus 7 (2013) can only connect to one robot at a time. We recommend that Nexus 7 users purchase Dash only. Users with OS Version Marshmallow (Android 6.0) and above can connect to two or more robots at a time.

*** The Fire Kids Edition and Fire 7 (2015) can only connect to one robot at a time.

You may be able to download and use our applications on other iOS, Android and Kindle tablets and phones, however not all applications will be optimized for these devices.

- Dash works with all of our free apps for iOS or Android, with apps like Go and Path for pre-readers. For older children, we have our Blockly app, which they can use to program Dash all on their own – we include in-app tutorials that let children level up at their pace to give them the confidence and self-reliance to learn coding on their own. They can start out building simple programs, and soon learn how to make complex programs with Dash – all from within the app.

Specific Specs per Dash:

Size & Weight:

Length: 6.69 in
Width: 7.17 in
Height: 6.34 in
Weight: 1.76 lbs

Battery, Power & Connectivity:

Play time: Up to 5 hours
Standby time: Up to 30 days
Battery: Built in rechargeable lithium ion
Charging: via Micro USB to computer system or power adapter
Connectivity: Bluetooth Smart 4 / LE

Lights, Sensors, & Media:

Microphones: 3
Speaker: 1
Eye Lights: 12 White LEDs
Ear Lights: RGB LEDs
Spotlight: RGB LEDs (in chest)

Tail lights: Red LEDs
Transmitters: 4 IRs
Distance Sensors: 3 (12 inch range)
Detect Robot Receivers: 2 IRs

Movement:

Max speed: 3.3 ft/sec
Head rotation - up: 25°
Head rotation - down: 10°
Head rotation - left: 120°
Head rotation - right: 120°

You may be able to download and use our applications on other iOS, Android and Kindle tablets and phones, however not all applications will be optimized for these devices.

- Dash works with all of our free apps for iOS or Android, with apps like Go and Path for pre-readers. For older children, we have our Blockly app, which they can use to program Dash all on their own – we include in-app tutorials that let children level up at their pace to give them the confidence and self-reliance to learn coding on their own. They can start out building simple programs, and soon learn how to make complex programs with Dash – all from within the app.
- Dash is even more fun with our accessories, which can take your child's play even further. Use the smartphone mount to have Dash help film a fun movie with your smartphone. Use the Brick Connectors to add LEGO® or LEGO® Technic bricks to your robot to transform them into whatever your child can imagine!
- Dash comes fully assembled and ready to play right out of the box. With the included USB charging cable, you can plug Dash in, charge for 1 hour, and have over 3 hours of play time.

Specific Specs per Dot:

Size & Weight:

Length: 3.0 in
Width: 3.0 in
Height: 3.0 in
Weight: 5.64 oz.

Battery, Power & Connectivity:

Play time: Up to 3 hours
Standby time: Up to 30 days
Battery: Built in rechargeable lithium ion
Charging: via Micro USB to computer system or power adapter
Connectivity: Bluetooth Smart 4 / LE

Lights, Sensors, & Media:

Microphones: 3

Speaker: 1
Eye Lights: 12 White LEDs
Ear Lights: RGB LEDs
Spotlight: RGB LEDs (in eye)
Tail lights: N/A
Transmitters: 4 IRs
Distance Sensors: N/A
Detect Robot Receivers: N/A

Movement:
Max speed: N/A
Head rotation: N/A
Head rotation: N/A
Head rotation: N/A
Head rotation: N/A

Years of research have shown us that being able to program a physical object, like a robot, engages kids at a much higher rate than if they're just moving pixels around on a screen. With Dash, learning code has never been more fun or satisfying.

Get started with Dash & Dot in your classroom in small centers! 6 groups of 1-3 students can work with the robots at the same time.

Professional Development to include:

- 1) 5 face-to-face professional development days consisting of 4-6 hours of professional development with the Wonder Workshop Kits and the utilization of kits with lesson implementation.**
- 2) 10 one-on-one teacher coaching days to be split among predetermined school sites to ensure proper implementation of the devices with their students.**

6.4 SPHERO SPRK+ 12 PACK

Estimated Quantity: 22

Users:

8 Years+

Compatibility:

SPRK+ works with many BLE iOS, Android, Kindle devices, Chromebook Specific operating systems and device requirements are as follows:

IOS

IPHONE, IPAD, OR IPOD TOUCH

Confirmed Devices

iPod Touch (4th Generation +)

iOS Version

8+

iPhone 4S+	8+
iPad (3rd Generation +)	8+
iPad Air	8+
iPad Mini	8+

Android

COMPATIBLE WITH MOST ANDROID DEVICES THAT MEET THE FOLLOWING REQUIREMENTS:

Features:

Bluetooth and touchscreen

OS Version:

4.4.2+ (Kit Kat)

Amazon Kindle

Confirmed Devices

Kindle Fire HDX

Version

7" and 8.9"

Chrome

Only available through Lightning Lab:

Requires Chrome 50+, but robots will only connect on Chrome OS. We are working hard to support robot connectivity on Windows and Apple computers in the future.

Specifications:

- **Super durable UV coated polycarbonate shell**
- **Bluetooth Smart (100 foot range)**
- **Goes over 4.5 mph (2m/s)**
- **Built-in LED glow**
- **Inductive charging with over 1 hour of play on a full charge**
- **App and firmware updates that introduce new features**

General Description:

Designed to inspire curiosity, creativity, and invention through connected play and coding, SPRK+ is far more than just a robot. Powered by the Lightning Lab app, you can easily learn programming, complete hands-on activities, and share your creations with the community. Navigate a maze. Program a painting. Mimic the solar system. Swim across the water. Have a dance party... The only limit is your imagination.

SPRK+ and Lightning Lab allow you to collaborate with other users around the globe to innovate the world of education and empower anyone to program. Equipped with Bluetooth SMART and a strong scratch-resistant UV coating, SPRK+ takes hands-on learning up a notch. Join the growing community of makers, students, instructors, and parents – all learning on the same social platform. SPRK+ will foster a love of robotics, coding, and STEAM principles... all through play. Learning is evolving. Get on the ball.

Each 12-pack set contains:

(12) Sphero SPRK+

(12) Inductive charging base with USB charging cable

(12) Maze tape, 360 degree protractors and sticker sheets

(12) Quick Start guide to get you rolling

Sphero Edu app available for download in the App Store, Google Play, Chrome Store and Kindle Store

Swift Playgrounds available for download in the App Store. Compatible with the Sphero Arcade and Sphero Template playgrounds

Professional Development to include:

- 1) 5 face-to-face professional development days consisting of 4-6 hours of professional development with the Sphero SPRK+ and the utilization of the devices with lessons aligned to Louisiana Student Standards for Science and Computer Science Teachers Association (CSTA) Computer Science standards .**
- 2) 10 one-on-one teacher coaching days to be split among predetermined school sites to ensure proper implementation of the devices with their students.**

6.5 1-MOD-t 3D PRINTER PACKAGE

Estimated Quantity: 185

Software and Electrical:

Operated via browser based software interface associable through most modern and updated desktop and mobile browsers

Supported File Type:

.STL and .OBJ

Operating Systems:

Mac OSX 10.7+, Windows 7+ (required for setup only)

Connectivity:

Wi-Fi (802.11 b/g/n), USB 2.0

AC Power:

100-240 VAC, 50/60 Hz, 75W

Dimensions and Weight (without filament)

Printer w/ Cover: 383 x 340 x 295 mm

Weight: 5kg (printer only)

Print Specifications:

Process: Fused Filament Fabrication

Build Material: Non-proprietary PLA filament, 1.75 mm diameter

Build Envelope: 150 x 100 x 125 mm

Nozzle Diameter: 0.4 mm

Layer Resolution Software selectable 0.1, 0.2, 0.3, and 0.4 mm

3-D Printer Educator Maker Bundle

Each 3-D Printer Educator Maker Bundle includes:

1-MOD-t containing:

***Spool holder**

***Clear Cover**

***Print Tray**

***Print Surface**

***Power Supply**

***AC Power Cord**

***Filament Spool (PLA 0.5 kg)**

***USB Cable**

***Set-up Instructions**

***Accessories: Metal Bristled Brush, Scraper, Utility Cutter**

(9) Bonus Spools of Filament;

(6) Bonus Print Surface Plates;

Teaching Guide; Free Lesson Plan;

Unlimited Live Support (Phone, Live Chat, email);

3D print objects up to 6X4X5 inches;

Filament available in up to 20 different colors;

Built in Wi-Fi;

Automated calibration

6.6 PRINTER FILAMENT – WHITE

PLA filament provides high-quality prints in a spectrum of vibrant colors. Our break-resistant formulation means more successful prints and less time reloading. Gen 2 PLA is ideal for use with your MOD-t and produces great results with any 3D printer that accepts 1.75mm PLA filament. Print temperature: 190 – 220 °C.

6.7 PRINTER FILAMENT – PURPLE

PLA filament provides high-quality prints in a spectrum of vibrant colors. Our break-resistant formulation means more successful prints and less time reloading. Gen 2 PLA is ideal for use with your MOD-t and produces great results with any 3D printer that accepts 1.75mm PLA filament. Print temperature: 190 – 220 °C.

6.8 PRINTER FILAMENT – GREEN

PLA filament provides high-quality prints in a spectrum of vibrant colors. Our break-resistant formulation means more successful prints and less time reloading. Gen 2 PLA is ideal for use with your MOD-t and produces great results with any 3D printer that accepts 1.75mm PLA filament. Print temperature: 190 – 220 °C

6.9 PRINTER FILAMENT – BLUE

PLA filament provides high-quality prints in a spectrum of vibrant colors. Our break-resistant formulation means more successful prints and less time reloading. Gen 2 PLA is ideal for use with your MOD-t and produces great results with any 3D printer that

accepts 1.75mm PLA filament. Print temperature: 190 – 220 °C

6.10 TEXAS INSTRUMENTS INNOVATOR HUB (STEM/PWB/2L1)



The TI-Innovator™ Hub translates commands from students' TI graphing calculators to control Rover. It can also be used separately from Rover to help students develop basic coding and design skills, and build working STEM and engineering projects.

6.11 TEXAS INSTRUMENTS INNOVATOR BREADBOARD PACK (STEMEE/PWB/6E4)



The TI-Innovator™ Breadboard Pack is ideal for use in exploring electronics principles.

- The components in this pack connect to the TI-Innovator™ Hub breadboard connector
- Contains the needed components for the Path to STEM Projects activities
- Pack contains a breadboard and multiple components to explore such as LEDs, Resistors, Thermistor, Switches, Potentiometer, Segment Display, Small DC motor and more

6.12 TEXAS INSTRUMENTS INNOVATOR I/O MODULE PACK (STEMMG/PWB/6E4)



This pack contains I/O Module components for projects that connect science concepts, programming and coding skills.

- The components in this pack connect to the TI-Innovator™ Hub output and input ports
- Contains the needed components for the Science through Engineering Design activities
- Components can be used to extend students' programming creativity

6.13 ULTRASONIC RANGER MODULE (STEMRNG/ENV/2L1)



This module measures distance from the module in centimeters for use in programming and STEM projects.

6.14 EXTERNAL BATTERY (STEMBT/AC/2L1)



Optional source of power when using components that require extra power.

6.15 TEXAS INSTRUMENTS INNOVATOR ROVER (STEMRV/PWB/6E4/A)



Students program Rover to put math and science in motion, adding a physical dimension to verbal, symbolic and graphic representations. Rover also provides an accessible on-ramp to more advanced coding, STEM and robotics projects.

6.16 TEXAS INSTRUMENTS INNOVATOR – PROFESSIONAL DEVELOPMENT

Five (5) face-to-face professional development days consisting of 4-6 hours of professional development with the utilization of the innovators and rovers with lessons aligned to Louisiana Student Standards for Science and Computer Science Teachers Association (CSTA) Computer Science standards.

6.17 TEXAS INSTRUMENTS INNOVATOR – COACHING DAYS

Ten (10) one-on-one teacher coaching days to be split among predetermined school sites to ensure proper implementation of the devices with their students.

7. QUOTATION LIMITATION:

- 7.1 For each individual item for which bidder submits a bid, bidder shall offer only a unit cost for one item. Prices are to be bid in the unit of measure requested (per roll, per reel, per carton, etc.) No alternatives will be accepted, unless requested by the LPSS. If an "or approved equal" item is to be bid, the bidder must bid a brand and model that meets or exceeds the specified item. A discount price offered for a quantity purchase of the same manufacturer and model would not be considered a limitation; however, only the total price requested will be considered in award.

8. TIME OF PERFORMANCE:

- 8.1 The winning bidder(s) shall be required to deliver the respective items within 45 days of receipt of a purchase order from LPSS and at the location specified in accordance with Section 9.1 of this bid.

9. DELIVERY:

- 9.1 Deliveries will be made to various locations in Lafayette Parish. Delivery location shall be stated on each purchase order issued.
- 9.2 Warehouse deliveries for the Lafayette Parish Public School System (LPSS), Warehouse Department, 113 Chaplin Drive, Lafayette, Louisiana 70508, will be received between the hours of 7:30 a.m. and 3:30 p.m., Monday through Friday, except School System Holidays.
- 9.3 Inside delivery direct to schools, centers or LPSS agencies will include off-loading from the selected carrier and carrying inside the receiving school, center or LPSS agency. Receiving hours will be from 8:30 a.m. through 3:30 p.m., Monday through Friday, except School System Holidays, unless other arrangements have been made with the receiving school, center or LPSS agency.
- 9.4 **Unit shall be delivered in new condition and successful bidder shall provide onsite training on both operation and maintenance of the equipment.**
- 9.5 RECEIVING: A robotics kits / packs that do not fulfill all requirements will be rejected and refused. A rejected item, kit, and/or pack shall be removed and promptly replaced by the successful bidder at no cost to Lafayette Parish School System.

10. DELIVERY FAILURE:

- 10.1 Bidders are CAUTIONED to carefully consider the delivery time indicated in Section 8.1 of this bid, as they will be required to adhere to that delivery time. Failure to adhere to the delivery may result in LPSS making an emergency purchases from other sources should the awarded bidder be unable to furnish the required item within the required time frame, in accordance with Section 18.1 of this bid.

11. SHIPPING AND MARKING:

- 11.1 Invoices and all related written materials pertaining to each delivery must show the purchase order number, the purchase order item number, and the item number shown on the contract.

12. WARRANTIES:

- 12.1 The warranty work will be performed by the awarded bidder at the bidder's nearest location to LPSS.
- 12.2 All manufacturer warranties shall be honored; any special extended warranty coverage on specific items must be clearly indicated within bidder's bid response.

13. SUBMISSION OF BIDS:

- 13.1 Each bidder must use the attached bid form for submitting their bid. Bidder must show price per unit. Bids must be quoted for the quantity and units specified. Bids must be typed or written in ink. Any corrections, erasures or other forms of alteration to prices

should be initialed by the bidder. All bids are to be submitted in a sealed envelope with the bid number and date, and time of bid opening stated on the envelope. Bids may be submitted by mail or delivered in person. All bids must be received by a Purchasing Department Buyer at the following location prior to the date and time specified: Purchasing Department, 113 Chaplin Drive, Lafayette, Louisiana 70508.

- 13.2 Bids received after the time or date prescribed shall not be considered for award and shall be returned to the Bidder.

Bidder's envelope must be labeled as follows:

Elementary and Middle School Robotics Bid # 55-18

Opening: January 17, 2018

Time: 11:00 a.m. CST

Personnel Conference Room

- 13.3 **Individual bidders are responsible to ensure that their bid is delivered at the specified place and prior to the deadline for submission. Bids, which for any reason are not so delivered, will not be considered. Bidders shall assume all risks associated with any delays in the delivery of their bids. Any bid received after the bid opening time will be returned unopened.**

- 13.4 Electronic bids may be submitted online at www.centrauctionhouse.com.

- 13.5 **A bidder may only withdraw its bid within forty-eight (48) hours after the bid opening, excluding Saturdays, Sundays and legal holidays, for good cause as provided in La. R.S. 38:2214(C).**

14. CONTRACT AWARD:

- 14.1 All items listed in this solicitation will be awarded on the basis of a firm fixed total price.

- 14.2 If awarded, the LPSS will award the contract to the lowest responsive and responsible bidder. The LPSS reserves the right to award the contract in the aggregate or to make a split award to more than one bidder, whichever is in the best interest of the public.

- 14.3 **In Order For Contract To Be Awarded, Debarment Certification Form Must Be Signed And Returned With Bid Proposal Form Sheet.**

15. PURCHASE ORDER:

- 15.1 Purchase order(s) for the items listed in this solicitation will be issued as required throughout the period of this contract and will become an integral part of the resulting contract. The purchase order indicates that sufficient funds have been obligated.

- 15.2 The purchase order does not supersede any provision of the resulting contract. Performance time and dates are determined solely by the contract and any modification thereto.

- 15.3 Shipment is not to begin until receipt of the purchase order or other notification by the Purchasing Agent to proceed.

16. ORDER OF PRECEDENCE:

16.1 In the event of conflict, the Special Provisions of this contract shall take precedence over the General Conditions and Instructions to Bidders, included herein.

17. CONTACT FOR ADMINISTRATION:

17.1 In the event a contract is executed with your firm as a result of this solicitation, indicate the person(s) we may contact for prompt contract administration in the space provided on the Bid Proposal Form.

18. EMERGENCY PURCHASES:

18.1 The Parish reserves the right to make emergency purchases from other sources, should the awarded bidder be unable to furnish the required item within the required time frame.

19. INTERPRETATION OF BID:

19.1 Any questions pertaining to this solicitation shall be directed to:

Lee Francis, Purchasing Agent
Lafayette Parish School Board
P.O. Drawer 2158
Lafayette, Louisiana 70502-2158
slfrancis@lpssonline.com

20. CONTRACT CANCELLATION:

20.1 LPSS has the right to cancel any contract for cause including, but not limited to, the following: (1) failure to deliver within the time specified; (2) failure of the product or service to meet specifications or to be delivered in good condition; (3) fraud, collusion, conspiracy or other unlawful means of obtaining any contract with LPSS; (4) misrepresentation by the selected bidder(s); (5) conflict of contract provisions with constitutional or statutory provisions of state or federal law; and/or (6) any other breach of contract.

20.2 LPSS reserves the right to cancel any contract within thirty (30) days written notice.

21. PREFERENCE:

21.1 In accordance with La. R.S. 38:2251, a preference not to exceed ten percent (10%) may be allowed for products manufactured, produced, grown, or assembled in Louisiana of equal quality.

22. CIVIL RIGHTS:

22.1 By submitting and signing this bid, bidder agrees to abide by the requirements of the following, as applicable: Title VI and VII of the Civil Rights Act of 1964, as amended by the Equal Opportunity Act of 1972, Federal Executive Order 11246, Federal Rehabilitation Act of 1973, as amended, the Veteran's Readjustment Assistance Act of 1974, Title IX of the Education Amendments of 1972, the Age Act of 1975; and bidder agrees to abide by the requirements of the Americans with Disabilities Act of 1990.

Bidder agrees not to discriminate in its employment practices, and will render services under any contract entered into as a result of this solicitation without regard to race, color, religion, sexual orientation, national origin, veteran status, political affiliation, or disabilities. Any act of discrimination committed by bidder, or failure to comply with these statutory obligations when applicable, shall be grounds for termination of any contract entered into as a result of this solicitation.

22. **APPLICABLE LAW**

- 22.1 All contracts shall be construed in accordance with and governed by the laws of the State of Louisiana.
- 22.2 In the event of a dispute between the parties, the 15th Judicial District Court for the Parish of Lafayette shall serve as the sole and exclusive jurisdiction and venue to resolve said dispute.

23. **INDEMNITY:**

- 23.1 Contractor agrees, upon receipt of written notice of a claim or action, to defend the claim or action, or take other appropriate measure, to indemnify and hold harmless LPSS, its officers, its agents and its employees from and against all claims and actions for bodily injury, death or property damages caused by the fault of the contractor, its officers, its agents or its employees. Contractor is obligated to indemnify only to the extent of the fault of the contractor, its officers, its agents or its employees. However, the contractor shall have no obligation as set forth above with respect to any claim or action from bodily injury, death or property damages arising out of the fault of LPSS, its officers, its agents or its employees.

GENERAL CONDITIONS AND INSTRUCTIONS TO BIDDERS Rev.7/2/17

(Bidder: The general rules and conditions that follow apply to all purchases and become a definite part of each formal invitation to bid, purchase order or other award issued by the Lafayette Parish School Board, unless otherwise specified. Bidders are expected to fully inform themselves as to the conditions, requirements, and specifications before submitting bids: failure to do so will be at the bidder's own risk and he cannot secure relief on the plea of error).

INSTRUCTIONS

SUBMITTING OF SEALED BIDS

A. Option 1 – Electronic Bids Submitted Online:

1. Electronic bids may be submitted online at www.centralauctionhouse.com.

Option 2 – Sealed Bid Envelope:

1. The bidder shall be solely responsible for the timely furnishing of bids. In order to guarantee the timely furnishing of bids, the bid must be returned by certified, registered mail with a return receipt requested, or hand delivered. The LPSB will not accept responsibility or guarantee the timeliness of bids received by any other means.
2. All bids must be received in the envelope provided with the invitation to bid or in an envelope labeled as follows: "SEALED BID". Bid/Project Description, Bid Number, Opening Date and Time, Bidder's Company Name and bidder's number (if applicable)

toward public works project). The LPSB shall not be responsible if a bid is not received due to lack of improper labeling of the envelope.

Bid Forms:

1. Bids must be submitted on the forms furnished in the bid package.
2. **Signature:** Bid forms must be signed in ink. Typed, printed or stamped names shall be reason to reject the bid. An unsigned bid shall be considered a **“NO BID”**.
3. The signature page of the bid document and a signed debarment certification form must be provided with a bidders bid response.
4. The forms should not be detached from the specifications of which it forms a part.
5. **Completeness:**
 - a. All information required in the bid must be supplied to constitute a proper bid.
 - b. On lines provided, the bidder must insert the manufacturer’s brand name and identifying numbers along with any other information necessary to sufficiently identify the article(s) offered. Failure to do so may prevent consideration of the item bid.
 - c. Failure on the part of any bidder to supply all required information shall be cause to reject said bid from consideration.
5. **Place, Date and Hour:**
 - a. All bids shall be submitted to the location specified.
 - b. The bid form designates the date and hour of the bid opening. Bids shall be received until the stated date and time: bids arriving after the started date and time **will not be considered**. The responsibility for timely delivery of bids rests solely with the bidder.
6. **Response to Invitations:**
 - a. In the event you cannot submit a bid, please return the bid package with an explanation why you are unable to bid on these requirements.
 - b. The large number of firms on the bid list makes it necessary to delete from the **“NOTIFICATION TO BID LIST”** bidders who fail to respond to three successive invitations to bid.
7. **Bid Response:**
 - a. More than one offer from an individual, firm, partnership, corporation or association under the same or different name will be rejected. **Bidders shall offer only ONE ITEM AND PRICE for each line item bid.**
 - b. No alternatives will be accepted, unless requested by the LPSS. If an

"equivalent" item is to be bid, the bidder must select the brand and model that is functionally equivalent to the specified item and submit his bid for that item.

- c. A discount price offered for a quantity purchase of the same manufacturer and model would not be considered a limitation; however, only the total price requested will be considered in award.

C. Specifications:

1. Specifying of certain brand, catalog number, make or manufacturer is to denote the quality, type and standard of the article desired that has been cited as meeting the needs of the Lafayette Parish School Board; however, bids are invited that are comparable products that would equally satisfy requirements stated herein.
2. Articles offered must be new merchandise (unless specifically excepted) and must be of equal or superior grade.
3. **Questions Regarding Specifications:**
 - a. Any information relative to interpretation of specifications and drawings shall be requested of the Board in writing.
 - b. Any interpretation made to prospective bidders will be expressed as an addendum to the specifications which, if issued, will be sent to all prospective bidders no later than three (3) days before the date set for opening of bids.
 - c. Oral answers will not be binding on the Board.

D. Technical Data:

Complete manufacturer's specifications must accompany all bids when bidding and Alternate "AS EQUAL". Failure to submit complete manufacturer's specifications will be reason to reject the bid.

1. All deviations from the specifications must be noted in detail by the bidder, in writing, at the time of submittal on the formal bid where specified. The absence of a written list of specification deviations at the time of submittal of the bid will hold the bidder strictly accountable to the Lafayette Parish School Board to the specifications as written.

E. Bid Samples:

Samples are not required unless stated in the Special Provisions of the bid. Samples may be required after bid opening for evaluation purposes.

1. **Submittal:**

If required in the Special Provisions of the bid, samples shall be submitted to the Lafayette Parish School Board Purchasing Department, at the same location as the bid opening, **no later than the date and hour of the bid opening.**
2. **Identification:**

Each sample shall be identified with the bidder's name, bid number, bid item number, product trade name and identification (catalog number, model number, etc.), and/or as otherwise indicated in the bid invitation forms.

3. **Payment for Samples:**

The Board will buy no samples and will assume no-cost incidental thereto. When samples are requested, they must be sent prepaid and within the specified time.

4. **Return of Samples:**

Samples not destroyed in testing must be claimed by bidders within fourteen (14) days after bid award date. The Board will assume no responsibility for samples not claimed within the time specified, and it will pay for no samples damaged in testing.

5. **Rejection:**

Failure to provide requested sample within specified time may result in forfeiture of award.

6. **Demonstration/Evaluation:**

The Board reserves the right to request a demonstration in order to properly evaluate any item(s) on the bid. Failure to demonstrate as requested without reason acceptable to the Board shall be reason to reject the bid.

F. Warranty:

1. Bidder guarantees to replace or repair at his expense all materials of his supply found to be defective within one (1) year from the day of delivery where such defects are due to defective materials and/or workmanship. This is to include any freight/delivery charges required for shipping to or from the particular Lafayette Parish School Board facility.

2. Warranty repair/service for equipment will be performed at the school when possible.

G. Asbestos:

No asbestos material or asbestos containing material shall be a part of or included in any product sold or furnished to the Lafayette Parish School Board by any person or supplier.

H. Non-Collusion:

Vendors, by submitting a signed bid, certify that the accompanying bid is not the result of, or affected by, any unlawful act of collusion with any person or company engaged in the same line of business or commerce, or any other fraudulent act punishable under Louisiana or United States law.

I. Freight:

Delivery is to be made to the location(s) listed in the bid. All bid prices are to include delivery to the specified location(s). (F.O.B. destination).

J. Taxes:

In accordance with Act 1029, effective September 1, 1991, the Lafayette Parish School Board is exempt from Sales Tax on all purchases.

K. Evaluation of Offers:

1. The Lafayette Parish School Board, in making its award, will consider the lowest responsive bidder. The Lafayette Parish School Board reserves the right to reject any and/or all bids.
2. **Bids for All or Part:**
With the exception of public works projects, the Board reserves the right to award on an “ALL-OR-NONE” and/or partial basis whichever is in the best interest of the Lafayette Parish School Board. Bidder may restrict his bid to consideration as “ALL-OR-NONE” by so stating, but shall give a unit price for each item; any bid in which the bidder names a total price for all the articles without quoting a price on each item shall be rejected.
3. **Cash Discounts:**
Cash Discounts, if offered, will be taken in consideration in determining the low bid. **DISCOUNTS OF LESS THAN THIRTY (30) DAYS WILL NOT BE CONSIDERED IN MAKING AN AWARD.** Beginning date of discount period shall be determined by date of invoice or date of delivery of merchandise whichever occurs first.
4. All items listed in this solicitation will be awarded on the basis of a firm fixed total price.
5. **Errors in Bids:**
Bids containing errors may be withdrawn by the bidder in accordance with L.R.S. 38:3314.C. Erasures or changes in bids must be initialed.
6. **Tie Bids:**
If multiple bidders bid the same unit price for a line item, LPSS will award the line item to all responsive and responsible bidders.
7. **Ability & Experience:**
Considerations used for determining bidder responsibility include “financial ability, skill, integrity, business judgment, experience, reputation, quality of previous work on contracts, and any other similar factors bearing on bidders’ ability to successfully perform the contract”. Each proposal will receive equal consideration and special attention directed to the bidder’s qualifications as provided for in L.R.S. 38.2216.C (2) (a).

L. Purchases Without Bid Security, Contracts & Performance (Delivery) Security

1. **Failure to Perform:**
In the event a successful bidder fails to perform (deliver) on an awarded bid and no bid security and/or performance securities were required, the Board shall declare the bidder in default. In the event the selected bidder defaults on its obligations, the bidder will be responsible for any and all damages sustained by the School Board as a result of such default. It shall be the Board’s option to invoke the following:
 - a. Payment to the Board in the amount equal to the difference between the unit and/or total price bid times the quantity on an item to item basis of that of the successful bidder and the next responsible low bidder(s) and/or
 - b. If it becomes necessary to re-bid, payment to the Board in the amount equal to the

difference between the unit and/or total price times the quantity on an item basis of that of the successful bidder on the original bid and that of the lowest responsible bidder(s) on the re-bid.

M. Change or Withdrawal of Bids:

1. **Change or Withdrawal Prior to Bid Opening:**

Should any bidder desire to change or withdraw his bid he shall do so prior to the date and hour of the opening.

2. **Withdrawal After Bid Opening-But Prior to Bid Award:**

No bid may be withdrawn after the scheduled closing time for receipt of bids for sixty (60) calendar days, except as provided in Section 2214 of L.R.S. Title 38, which states the bidder shall give notice in writing of his claim of right to withdraw his bid within forty-eight hours after the conclusion of the bid opening procedure.

N. Rejection of Bids:

The Board reserves the right to reject any and all bids for just cause. In accordance with L.R.S. 38:2212(1)(1)(b) those stated in the advertisement for bids, and those requirements in the bid packet shall not be considered informalities and shall not be waived by any public entity.

O. Award & Acceptance:

1. **Bid Tabulation:**

Copy of bid tabulation may be received upon written request and by submitting a stamped, self-addressed envelope.

2. If awarded, the LPSS will award the contract to the lowest responsive and responsible bidder. The LPSS reserves the right to award the contract in the aggregate or to make a split award to more than one bidder, whichever is in the best interest of the public.

3. **Notice of Acceptance:**

A written award in the form of a purchase order, contract, written notice of award of any combination of these three to the successful bidder shall be deemed to result in a binding contract for the purchase of materials or supplies without further action by either party as provided for in L.R.S 38:2216.B. If the bid and resulting award regards the construction of doing of any public works, a written contract must be entered into according to L.R.S. 38:2216.A(1).

P. Delivery Provisions:

1. Shipment is not to begin until receipt of the purchase order or other notification by the Purchasing Agent to proceed. All deliveries of products shall be made in accordance with Item #2 (regarding Section 7.1) of this addendum. At the time delivery is made an authorized agent must sign a dray receipt.

2. **Responsibility of Materials Shipped:**

Successful bidder shall be responsible for the materials or supplies until they are delivered to the location(s) specified in the bid specifications. If materials or supplies are rejected they must be removed by and at the expense of the bidder promptly after

notification of rejection.

3. **Inspections:**

Inspection and acceptance of goods will be made after delivery.

4. **Time of Delivery:**

Deliveries will be accepted between 8:30 A.M. and 3:30 P.M.

5. **Packing Slips or Delivery Tickets:**

ALL SHIPMENTS OR DELIVERIES shall be accompanied by Packing Slips or Delivery Tickets, and contain the following information:

- a. Purchase Order number,
- b. Name of the article and stock number (Supplier's),
- c. Quantity ordered,
- d. Back orders,
- e. Name of the vendor.

Q. Excluded Parties:

Bidders shall complete and sign the "Certification Regarding Debarment, Suspension, and Other Responsibility Matters Primary Covered Transactions" Form. This form must be included with the bid proposal.

BIDDERS ARE CAUTIONED THAT FAILURE TO COMPLY WITH THESE CONDITIONS SHALL BE CONSIDERED SUFFICIENT REASON FOR REFUSAL TO ACCEPT THE GOODS.

The Special Case of Meals:

Contracts which relate to school lunch program are exempt from the provisions and requirements contained herein.

(SPECIAL PROVISIONS found on succeeding pages always supersede the General Conditions).

<p style="text-align: center;">Certification Regarding Debarment, Suspension, and Other Responsibility Matters Primary Covered Transactions</p>
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This certification is required by the regulations implementing Executive Order 12549, Debarment and Suspension, 13 CFR Part 145. The regulations were published as Part VII of the May 26, 1988 Federal Register (pages 19160-19211).

INSTRUCTIONS FOR CERTIFICATION

1. By signing and submitting this proposal, the prospective primary participant is providing the certification set out below.
2. The inability of a person to provide the certification required below will not necessarily result in denial of participation in this covered transaction. The prospective participant shall submit an explanation of why it

cannot provide the certification set out below. The certification or explanation will be considered in connection with the department or agency's determination whether to enter into this transaction. However, failure of the prospective primary participant to furnish a certification or an explanation shall disqualify such person from participation in this transaction.

3. The certification in this clause is a material representation of fact upon which reliance was placed when the department or agency determined to enter into this transaction. If it is later determined that the prospective primary participant knowingly rendered an erroneous certification, in addition to other remedies available to the Federal Government, the department or agency may terminate this transaction for cause or default.
4. The prospective primary participant shall provide immediate written notice to the department or agency to which this proposal is submitted if at any time the prospective primary participant learns that its certification was erroneous when submitted or has become erroneous by reason of changed circumstances.
5. The terms "covered transaction," "debarred," "suspended," "ineligible," "lower tier covered transaction," "participant," "person," "primary covered transaction," "principal," "proposal," and "voluntarily excluded," as used in this clause, have the meanings set out in the Definitions and Coverage sections of the rules implementing Executive Order 12549. You may contact the department or agency to which this proposal is submitted for assistance in obtaining a copy of those regulations (13 CFR Part 145).
6. The prospective primary participant agrees by submitting this proposal that, should the proposed covered transaction be entered into, it shall not knowingly enter into any lower tier covered transaction with a person who is debarred, suspended, declared ineligible, or voluntarily excluded from participation in this covered transaction, unless authorized by the department or agency entering into this transaction.
7. The prospective primary participant further agrees by submitting this proposal that it will include the clause titled "Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion--Lower Tier Covered Transactions," provided by the department or agency entering into this covered transaction, without modification, in all lower tier covered transactions and in all solicitations for lower tier covered transactions.
8. A participant in a covered transaction may rely upon a certification of a prospective participant in a lower tier covered transaction that it is not debarred, suspended, ineligible, or voluntarily excluded from the covered transaction, unless it knows that the certification is erroneous. A participant may decide the method and frequency by which it determines the ineligibility of its principals. Each participant may, but is not required to, check the non-procurement List.
9. Nothing contained in the foregoing shall be construed to require establishment of a system of records in order to render in good faith the certification required by this clause. The knowledge and information of a participant is not required to exceed that which is normally possessed by a prudent person in the ordinary course of business dealings.
10. Except for transactions authorized under paragraph 6 of these instructions, if a participant in a covered transaction knowingly enters into a lower tier covered transaction with a person who is suspended, debarred, ineligible, or voluntarily excluded from participation in this transaction, in addition to other remedies available to the Federal Government, the department or agency may terminate this transaction for cause or default.

DEBARMENT CERTIFICATION FORM

- (1) The prospective primary participant certifies to the best of its knowledge and belief that it and its principals:
- (a) Are not presently debarred, suspended, proposed for disbarment, declared ineligible, or voluntarily excluded from covered transactions by any Federal department or agency;
 - (b) Have not within a three-year period preceding this application been convicted of or had a civil judgment rendered against them for commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a public (Federal, State, or local) transaction or contract under a public transaction; violation of Federal or State antitrust statutes or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements, or receiving stolen property;
 - (c) Are not presently indicted for or otherwise criminally or civilly charged by a governmental entity (Federal, State, or local) with commission of any of the offenses enumerated in paragraph (1)(b) of this certification; and
 - (d) Have not within a three-year period preceding this application had one or more public transactions (Federal, State, or local) terminated for cause or default.
- (2) Where the prospective primary participant is unable to certify to any of the statements in this certification, such prospective primary participant shall attach an explanation to this proposal.

Business Name Barnes and Noble Booksellers, Inc

Date 1/11/18

By Tracy Vidakovich VP, Business Development
Name and Title of Authorized Representative

Tracy Vidakovich
Signature of Authorized Representative

Request for Taxpayer Identification Number and Certification

Give Form to the
requester. Do not
send to the IRS.

Print or type See Specific Instructions on page 2.	1 Name (as shown on your income tax return). Name is required on this line; do not leave this line blank. Barnes & Noble Booksellers, Inc.	
	2 Business name/disregarded entity name, if different from above Barnes & Noble Booksellers, Inc.	
	3 Check appropriate box for federal tax classification; check only one of the following seven boxes: <input type="checkbox"/> Individual/sole proprietor or single-member LLC <input checked="" type="checkbox"/> C Corporation <input type="checkbox"/> S Corporation <input type="checkbox"/> Partnership <input type="checkbox"/> Trust/estate <input type="checkbox"/> Limited liability company. Enter the tax classification (C=C corporation, S=S corporation, P=partnership) ▶ Note. For a single-member LLC that is disregarded, do not check LLC; check the appropriate box on the line above for the tax classification of the single-member owner. <input type="checkbox"/> Other (see instructions) ▶	
	4 Exemptions (codes apply only to certain entities, not individuals; see instructions on page 3): Exempt payee code (if any) 5 Exemption from FATCA reporting code (if any) _____ <small>(Applies to accounts maintained outside the U.S.)</small>	
	5 Address (number, street, and apt. or suite no.) REMITT TO: PO BOX 930455	Requester's name and address (optional)
	6 City, state, and ZIP code Atlanta, GA 31193	
	7 List account number(s) here (optional)	

Part I Taxpayer Identification Number (TIN)

Enter your TIN in the appropriate box. The TIN provided must match the name given on line 1 to avoid backup withholding. For individuals, this is generally your social security number (SSN). However, for a resident alien, sole proprietor, or disregarded entity, see the Part I instructions on page 3. For other entities, it is your employer identification number (EIN). If you do not have a number, see *How to get a TIN* on page 3.

Note. If the account is in more than one name, see the instructions for line 1 and the chart on page 4 for guidelines on whose number to enter.


Social security number								
			-					
or								
Employer identification number								
1	3		-	4	0	3	0	3 8 9

Part II Certification

Under penalties of perjury, I certify that:

- The number shown on this form is my correct taxpayer identification number (or I am waiting for a number to be issued to me); and
- I am not subject to backup withholding because: (a) I am exempt from backup withholding, or (b) I have not been notified by the Internal Revenue Service (IRS) that I am subject to backup withholding as a result of a failure to report all interest or dividends, or (c) the IRS has notified me that I am no longer subject to backup withholding; and
- I am a U.S. citizen or other U.S. person (defined below); and
- The FATCA code(s) entered on this form (if any) indicating that I am exempt from FATCA reporting is correct.

Certification instructions. You must cross out item 2 above if you have been notified by the IRS that you are currently subject to backup withholding because you have failed to report all interest and dividends on your tax return. For real estate transactions, item 2 does not apply. For mortgage interest paid, acquisition or abandonment of secured property, cancellation of debt, contributions to an individual retirement arrangement (IRA), and generally, payments other than interest and dividends, you are not required to sign the certification, but you must provide your correct TIN. See the instructions on page 3.

Sign Here	Signature of U.S. person 	Date ▶ 1/9/2017
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General Instructions

Section references are to the Internal Revenue Code unless otherwise noted.

Future developments. Information about developments affecting Form W-9 (such as legislation enacted after we release it) is at www.irs.gov/w9.

Purpose of Form

An individual or entity (Form W-9 requester) who is required to file an information return with the IRS must obtain your correct taxpayer identification number (TIN) which may be your social security number (SSN), individual taxpayer identification number (ITIN), adoption taxpayer identification number (ATIN), or employer identification number (EIN), to report on an information return the amount paid to you, or other amount reportable on an information return. Examples of information returns include, but are not limited to, the following:

- Form 1099-INT (interest earned or paid)
- Form 1099-DIV (dividends, including those from stocks or mutual funds)
- Form 1099-MISC (various types of income, prizes, awards, or gross proceeds)
- Form 1099-B (stock or mutual fund sales and certain other transactions by brokers)
- Form 1099-S (proceeds from real estate transactions)
- Form 1099-K (merchant card and third party network transactions)

- Form 1098 (home mortgage interest), 1098-E (student loan interest), 1098-T (tuition)
- Form 1099-C (canceled debt)
- Form 1099-A (acquisition or abandonment of secured property)

Use Form W-9 only if you are a U.S. person (including a resident alien), to provide your correct TIN.

If you do not return Form W-9 to the requester with a TIN, you might be subject to backup withholding. See *What is backup withholding?* on page 2.

By signing the filled-out form, you:

- Certify that the TIN you are giving is correct (or you are waiting for a number to be issued),
- Certify that you are not subject to backup withholding, or
- Claim exemption from backup withholding if you are a U.S. exempt payee. If applicable, you are also certifying that as a U.S. person, your allocable share of any partnership income from a U.S. trade or business is not subject to the withholding tax on foreign partners' share of effectively connected income, and
- Certify that FATCA code(s) entered on this form (if any) indicating that you are exempt from the FATCA reporting, is correct. See *What is FATCA reporting?* on page 2 for further information.

BID FORM, BID # 55-18

Item# 6.1

Specification: Little Bits – Code Kit Education Class Packs

Estimated Quantity: Forty-four (44)

Bits: includes: 6 - USB Power, 12 - Button, 6 - Dimmer, 6 - Slide Dimmer, 6 - Pressure Sensor, 6 - Sound Trigger, 18 - Wire, 6 Branch, 6 - CodeBit, 6 - Baragraph, 6 - Servo, 6 - Speaker, 6 - LED Matrix

Accessories: includes: 18 - USB Power Adapter plus Cable, 6 - Rechargeable Battery, 6 - Servo Mount, 6 - CodeBit Dongle, 12 - Strips (hook & loop), 24 - Screws, 18 - PowerSnap, 6-Mechanical Arm, 6 - Servo Hub, 72 - Shoes (hook & loop), and 6 - Mounting Board 8x7

Use: Grades 3+
18 Students
10+ Curriculum Hours

Compatibility: Mac 10.10 & above, Windows 7, 8 & 10, and Chrome OS 50 & above

Size: Height 32.38” x Width 44.53” x Length 51.43”

Weight: 10.8kg / 24 lbs.

Prof. Development: includes: Five (5) face-to-face professional development days consisting of 4-6 hours of professional development with the Little Bits Coding Kits and the utilization of kits with lessons aligned to Louisiana Student Standards for Science.

Coaching Days: includes: Ten (10) one-on-one teacher coaching days to be split among predetermined school sites to ensure proper implementation of the devices with their students.

Unit Price: \$ 1,779.95

Extended Price: \$ 78,317.80
(calculated by multiplying the Unit Price by the Estimated Quantity of 44)

Professional Development Price: \$ 0.00 There is no charge for professional development

Coaching Days Price: \$ 0.00 There is no charge for coaching

Total Price: \$ 78,317.80
(sum of Extended Price, Professional Development, and Coaching Days prices)

BID FORM, BID # 55-18

Item# 6.2

Specification: **Little Bits – STEAM Education Class Packs**

Estimated Quantity: Forty-four (44)

Bits: includes: 6 - Button, 6 – Buzzer, 12 – DC Motor (tethered), 6 – Fan, 6 – Fork, 6 – Inverter, 6 – Light Sensor, 6 – Long LED, 6 – Number, 6 – Power, 6 – Pulse, 6 – RGB LED, 6 – Servo, 6 – Slide Dimmer, 6 – Temperature Sensor, 6 – USB Power, 12 – Wire

Accessories: includes: 6 - Battery plus Cable, 18 – Mechanical Arm, 24 – MotorMate, 12 – Mounting Boards, 12 – Screwdriver, 24 – Screws, 6 – Servo Hub, 6 – Servo Mount, 144 Shoes (hook & loop), 2 – Tackle Box, 12 – USB Power Adapter plus Cable, 8 - Wheel

Use: Ages 8+
Grades 3 - 8

Compatibility: No computer necessary

Size: Height 32.38” x Width 44.45” x Length 51.43”

Weight: 10.8kg / 24 lbs.

Prof. Development: includes: Five (5) face-to-face professional development days consisting of 4-6 hours of professional development with the Little Bits Coding Kits and the utilization of kits with lessons aligned to Louisiana Student Standards for Science.

Coaching Days: includes: Ten (10) one-on-one teacher coaching days to be split among predetermined school sites to ensure proper implementation of the devices with their students.

Unit Price: \$ 1,779.95

Extended Price: \$ 78,317.80
(calculated by multiplying the Unit Price by the Estimated Quantity of 44)

Professional
Development Price: \$ 0.00 There is no cost for professional development

Coaching
Days Price: \$ 0.00 There is no cost for coaching

Total Price: \$ 78,317.80
(sum of Extended Price, Professional Development, and Coaching Days prices)

BID FORM, BID # 55-18

Item# 6.3

Specification: **Wonder Workshop Classroom Pack**

Estimated Quantity: Twenty-two (22)

Contents: includes: 6 – Dash Robot, 6 – Dot Robot, 6 – Launcher, 6 – Accessories Pack, 6 – Building Bick Connector

Curriculum: includes: 6 - Challenge Card Box Set (72 cards each), 1 – Spiral-bound Learn to Code Curriculum Guide, 36 – Comprehensive Learn to Code Lesson Plans, 6 – Unit Assessment Projects and Evaluation, 1 – One Year Subscription to the Ever-Expanding Learn to Code Lesson Library: (Cross-Curricular, Project-Based Lesson Plans Help Students Apply Coding Concepts), Library Subscription Covers: Math, Science, English Language Arts, Social Studies, & Art.

Use: Ages 6+, 15-30 Students

Compatibility: A compatible device with Bluetooth 4.0/LE/Smart must be used as mention in Section 6.3.

Size: Dash - Height 6.34” x Width 7.17” x Length 6.69”;
Dot – Height 3” x Width 3” x Length 3”

Weight: Dash - 1.76 lbs.; Dot – 5.64 oz.

Prof. Development: includes: Five (5) face-to-face professional development days consisting of 4-6 hours of professional development with the Wonder Workshop Kits and the utilization of kits with lessons implementation.

Coaching Days: includes: Ten (10) one-on-one teacher coaching days to be split among predetermined school sites to ensure proper implementation of the devices with their students.

Unit Price: \$ 1,895.95

Extended Price: \$ 41,710.90
(calculated by multiplying the Unit Price by the Estimated Quantity of 22)

Professional Development Price: \$ 0.00 There is no cost for professional development

Coaching Days Price: \$ 0.00 There is no cost for coaching

Total Price: \$ 41,710.90
(sum of Extended Price, Professional Development, and Coaching Days prices)

BID FORM, BID # 55-18

Item# 6.4

Specification: **Sphero SPRK+ 12 Pack**

Estimated Quantity: Twenty-two (22)

Pack: includes: 12 - Sphero SPRK+, 12 – Inductive Charging Base with USB Charging Cable, 12 – Maze Tape, 360 Degree Protractors and Sticker Sheets, 12 – Quick Start Guide to Get You Rolling, Sphero Edu App available for download in the App Store, Google Play, Chrome Store and Kindle Store, Swift Playgrounds available for download in the App Store, Compatible with the Sphero Arcade and Sphero Template Playgrounds.

Use: Ages 8+

Compatibility: SPRK+ works with many BLE iOS, Android, Kindle Devices, Chromebook Specific operating systems and device requirements as specified in Section 6.4.

Prof. Development: includes: Five (5) face-to-face professional development days consisting of 4-6 hours of professional development with the Sphero SPRK+ and the utilization of kits with lessons aligned to Louisiana Student Standards for Science and Computer Science Teachers Association (CTSA) Computer Science standards.

Coaching Days: includes: Ten (10) one-on-one teacher coaching days to be split among predetermined school sites to ensure proper implementation of the devices with their students.

Unit Price: \$ 1,511.95

Extended Price: \$ 33,262.90
(calculated by multiplying the Unit Price by the Estimated Quantity of 22)

Professional Development Price: \$ 0.00 There is no cost for professional development

Coaching Days Price: \$ 0.00 There is no cost for coaching

Total Price: \$ 33,262.90
(sum of Extended Price, Professional Development, and Coaching Days prices)

BID FORM, BID # 55-18

Item# 6.5

Specification: **3-D Printer Educator Maker Bundle (1-MOD-t)**

Estimated Quantity: One-Hundred Eighty-four (184)

Bundle: includes: 1 – MOD-t, Spool Holder, Clear Cover, Print Tray, Print Surface, Power Supply, AC Power Cord, Filament Spool (PLA 0.5 kg), USB Cable, Setup Instructions

Accessories: includes: 9 – Bonus Spools of Filament, 6 – Bonus Print Surface Plates, Teaching Guide, Free Lesson Plan, Unlimited Live Support (Phone, Live Chat, Email), 3D Print Objects up to 6 x 4 x 5 inches, Filament available in up to 20 different colors, Built-in Wifi, Automated Calibration

Use: Operated via browser based software interface accessible through most modern and updated desktop and mobile browsers.

File Types: .STL and .OBJ

Operating System: Mac OSX 10.7+, Windows 7+ (required for setup only)

Connectivity: Wi-Fi (802.11 b/g/n), USB 2.0

AC Power: 100-240 VAC, 50/60 Hz, 75W

Dimensions: Printer w/ Cover: 383 x 340 x 295 mm

Weight: 5kg (printer only)

Unit Price: \$ See alternate as equal bid form

Total Price: \$ See alternate as equal bid form
(calculated by multiplying the Unit Price by the Estimated Quantity of 184)

Item# 6.6

Specification: **3D Printer Filament, White (color)**

PLA filament provides high-quality prints in a spectrum of vibrant colors. Our break-resistant formulation means more successful prints and less time reloading. Gen 2 PLA is ideal for use with your MOD-t and produces great results with any 3D printer that accepts 1.75mm PLA filament. Print Temperature: 190 - 220 °C

Estimated Quantity: Two Hundred Eighty (280)

Unit Price: \$ 27.95

Total Price: \$ 7,826.00
(calculated by multiplying the Unit Price by the Estimated Quantity of 280)

BID FORM, BID # 55-18

Item# 6.7

Specification: **3D Printer Filament, Purple (color)**

PLA filament provides high-quality prints in a spectrum of vibrant colors. Our break-resistant formulation means more successful prints and less time reloading. Gen 2 PLA is ideal for use with your MOD-t and produces great results with any 3D printer that accepts 1.75mm PLA filament. Print Temperature: 190 - 220 °C

Estimated Quantity: Two Hundred Eighty (280)

Unit Price: \$ See alternate as equal bid form

Total Price: \$ See alternate as equal bid form
(calculated by multiplying the Unit Price by the Estimated Quantity of 280)

Item# 6.8

Specification: **3D Printer Filament, Green (color)**

PLA filament provides high-quality prints in a spectrum of vibrant colors. Our break-resistant formulation means more successful prints and less time reloading. Gen 2 PLA is ideal for use with your MOD-t and produces great results with any 3D printer that accepts 1.75mm PLA filament. Print Temperature: 190 - 220 °C

Estimated Quantity: Two Hundred Eighty (280)

Unit Price: \$ See alternate as equal bid form

Total Price: \$ See alternate as equal bid form
(calculated by multiplying the Unit Price by the Estimated Quantity of 280)

Item# 6.9

Specification: **3D Printer Filament, Blue (color)**

PLA filament provides high-quality prints in a spectrum of vibrant colors. Our break-resistant formulation means more successful prints and less time reloading. Gen 2 PLA is ideal for use with your MOD-t and produces great results with any 3D printer that accepts 1.75mm PLA filament. Print Temperature: 190 - 220 °C

Estimated Quantity: Two Hundred Eighty (280)

Unit Price: \$ 27.95

Total Price: \$ 7,826.00
(calculated by multiplying the Unit Price by the Estimated Quantity of 280)

BID FORM, BID # 55-18

Item# 6.10

Specification: **Texas Instruments Innovator Hub (STEM/PWB/2L1)**

The TI-Innovator™ Hub translates commands from students' TI graphing calculators to control Rover. It can also be used separately from Rover to help students develop basic coding and design skills, and build working STEM and engineering projects.

Estimated Quantity: Five Hundred Four (504)

Unit Price: \$ NA

Extended Price: \$ NA
(calculated by multiplying the Unit Price by the Estimated Quantity of 504)

Item# 6.11

Specification: **Texas Instruments Innovator Breadboard Pack (STEMEE/PWB/6E4)**

The TI-Innovator™ Breadboard Pack is ideal for use in exploring electronics principles.

- The components in this pack connect to the TI-Innovator™ Hub breadboard connector
- Contains the needed components for the Path to STEM Projects activities
- Pack contains a breadboard and multiple components to explore such as LEDs, Resistors, Thermistor, Switches, Potentiometer, Segment Display, Small DC motor and more

Estimated Quantity: Three Hundred Sixty (360)

Unit Price: \$ NA

Extended Price: \$ NA
(calculated by multiplying the Unit Price by the Estimated Quantity of 360)

Item# 6.12

Specification: **Texas Instruments Innovator I/O Module Pack (STEMMG/PWB/6E4)**

This pack contains I/O Module components for projects that connect science concepts, programming and coding skills.

- The components in this pack connect to the TI-Innovator™ Hub output and input ports
- Contains the needed components for the Science through Engineering Design activities
- Components can be used to extend students' programming creativity

Estimated Quantity: Three Hundred Sixty (360)

Unit Price: \$ NA

Extended Price: \$ NA
(calculated by multiplying the Unit Price by the Estimated Quantity of 360)

BID FORM, BID # 55-18

Item# 6.13

Specification: **Ultrasonic Ranger Module (STEMRNG/ENV/2L1)**

This module measures distance from the module in centimeters for use in programming and STEM projects.

Estimated Quantity: Three Hundred Sixty (360)

Unit Price: \$ NA

Extended Price: \$ NA
(calculated by multiplying the Unit Price by the Estimated Quantity of 360)

Item# 6.14

Specification: **External Battery (STEMBT/AC/2L1)**

Optional source of power when using components that require extra power.

Estimated Quantity: Three Hundred Sixty (360)

Unit Price: \$ NA

Extended Price: \$ NA
(calculated by multiplying the Unit Price by the Estimated Quantity of 360)

Item# 6.15

Specification: **Texas Instruments Innovator Rover (STEMRV/PWB/6E4/A)**

Students program Rover to put math and science in motion, adding a physical dimension to verbal, symbolic and graphic representations. Rover also provides an accessible on-ramp to more advanced coding, STEM and robotics projects.

Estimated Quantity: One Hundred Forty-Four (144)

Unit Price: \$ NA

Extended Price: \$ NA
(calculated by multiplying the Unit Price by the Estimated Quantity of 144)

Item# 6.16

Specification:

Texas Instruments Innovator Professional Development

Face-to-face professional development days consisting of 4-6 hours of professional development with the utilization of the innovators and rovers with lessons aligned to Louisiana Student Standards for Science and Computer Science Teachers Association (CSTA) Computer Science standards.

Estimated Quantity: Five (5) Days

Unit Price: \$ NA

Extended Price: \$ NA
*(calculated by multiplying the Unit Price by the Estimated Quantity of 5)***Item# 6.17**

Specification:

Texas Instruments Innovator Coaching Days

One-on-one teacher coaching days to be split among predetermined school sites to ensure proper implementation of the devices with their students.

Estimated Quantity: Ten (10) Days

Unit Price: \$ NA

Extended Price: \$ NA
(calculated by multiplying the Unit Price by the Estimated Quantity of 10)

Innovator Package

Total Price: \$ NA
(sum of Extended Prices for Item Numbers 6.10 – 6.17)

ALTERNATE “AS EQUAL” BID FORM, BID # 55-18

Bidder to only fill out section below if bidding an alternate “as equal” to the items specified in Section 6.1.

Alternate Brand “As Equal”: da vinci miniMaker 3D printer

Part Number: 840710105479

Bidding “As Equal” To: Item# 3D Printer Educator Maker Bundle

Descriptive Literature Included: Yes or No
(circle one)

Unit Price: \$ 249.95

Extended Price: \$ 45,990.80
(Unit price multiplied by the Estimated Quantity of the Item#)

Professional
Development Price: \$ 0.00 There is no cost for professional development

Coaching
Days Price: \$ 0.00 There is no cost for coaching

Total Price: \$ 45,990.80
(sum must include Extended Price, Professional Development, and Coaching Days prices, if applicable as specified in Section 6 of the bid specifications)

As per Section 5.2 of this bid: An alternate item “as equal” will only be provided if a bidder is not bidding on the item specification listed on the bid form. Any bid response that contains a bid response for the item specified and an alternate “as equal” bid shall be rejected.

da Vinci miniMaker 3D Printer

Estimated Quantity: One-Hundred Eighty-four (184)

Bundle: Includes- XYZmaker 3D Design CAD Software, XYZprinting STEAM EDU Program, XYZprinting 3D Gallery, Each Printer includes maintenance tool and starter filament.

Use: For STEM & STEAM Education

Includes: XYZmaker 3D Design CAD Software, XYZprinting STEAM EDU Program, XYZprinting 3D Gallery

File Types: .stl; .3w; .3MF

Operating System: Windows 7, 8, 8.1 and 10, 64 bit Mac OSX 10.10, OSX 10.11, OSX 10.12 Linux Ubuntu 14.04, Ubuntu 16.04

Note: Standard VGA driver on operating system, or a graphics card doesn't support OpenGL 2.1, may cause unknown error in XYZware.

Hardware Requirements: X86 32/64-bit compatible PCs with 4GB+ DRAM (for PC), X86 64-bit compatible Macs with 4GB+ DRAM (for Mac)

Connectivity: USB2.0 Cable

AC Power: 100V ~ 240V 24V / 60W

Dimensions:

Package Dimension(W/D/H) - 508 x 395 x 475 mm (20 x 15.55 x 18.7 inch)

Product Dimension (WxDxH) - 390 x 335 x 360 mm (15.36 x 13.19 x 14.18 inch)

Print Dimension (WxDxH) - 150 x 150 x 150 mm (5.9 x 5.9 x 5.9 inch)

Weight:

Product Net Weight - 6.85 kg (15.1 lbs)

Package Net Weight – 24lb



Item# 6.7

Specification: **3D Printer Filament, Nature (color 1)**

PLA filaments are extracted from biocompostable materials. In addition to being environmentally friendly, PLA filaments also print in low temperatures which greatly reduce the warpage. The translucent texture and finishing will also add a unique look to your finished work.

Estimated Quantity: Two Hundred Eighty (280)

Item# 6.8

Specification: **3D Printer Filament, Clear Orange (color 2)**

PLA filaments are extracted from biocompostable materials. In addition to being environmentally friendly, PLA filaments also print in low temperatures which greatly reduce the warpage. The translucent texture and finishing will also add a unique look to your finished work.

Estimated Quantity: Two Hundred Eighty (280)



da Vinci miniMaker

Play.Make.Learn

\$ 249.95

Buy



Features

Specifications

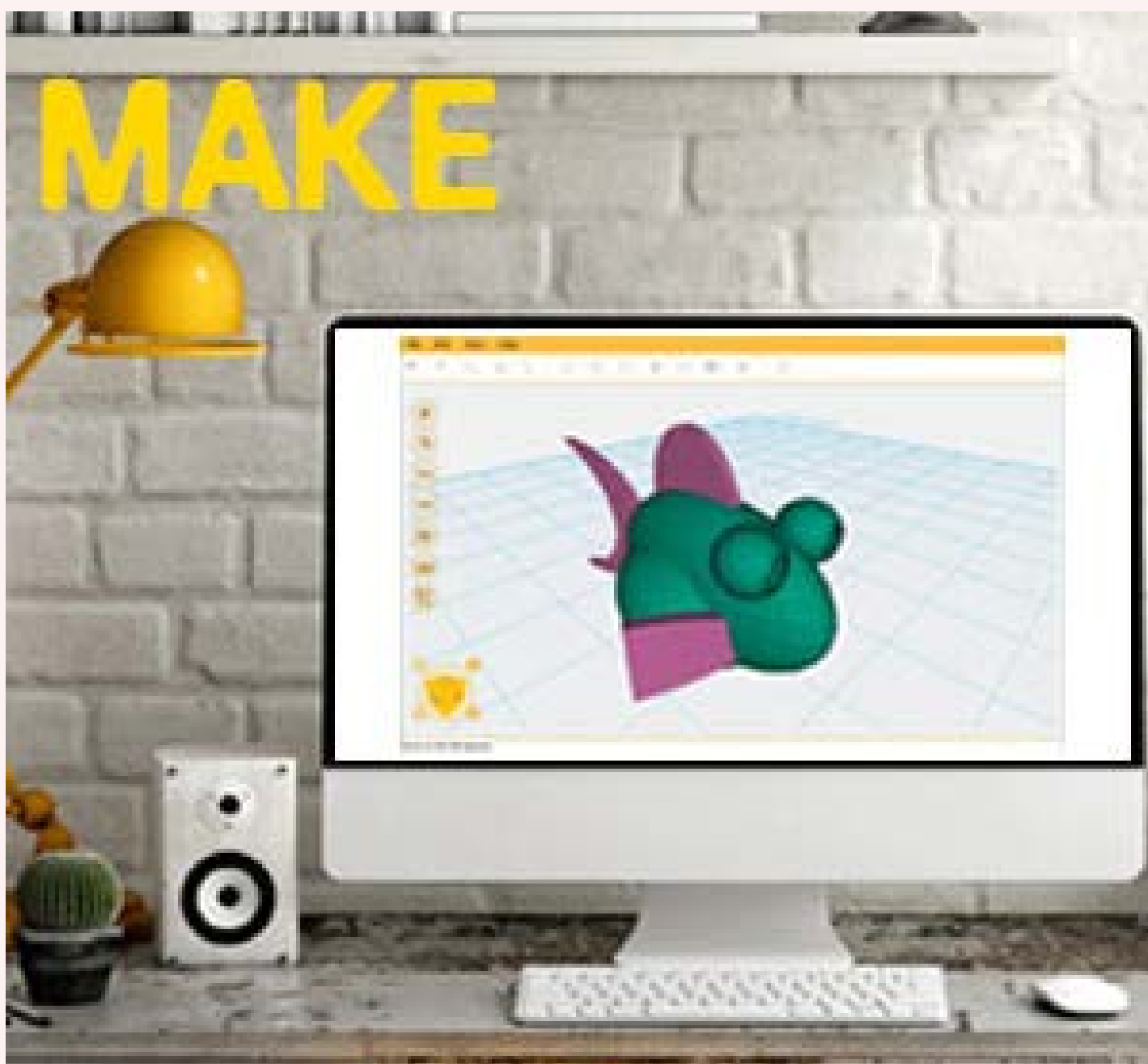
Buy

Each printer will come along with a FREE starter filament (300g)



GALLERY

Start your 3D printing adventure by downloading some of the 4,500+ FREE 3D models available from our online XYZ 3D Gallery. We have nine categories that include everything from toys and games, to art pieces and educational items.



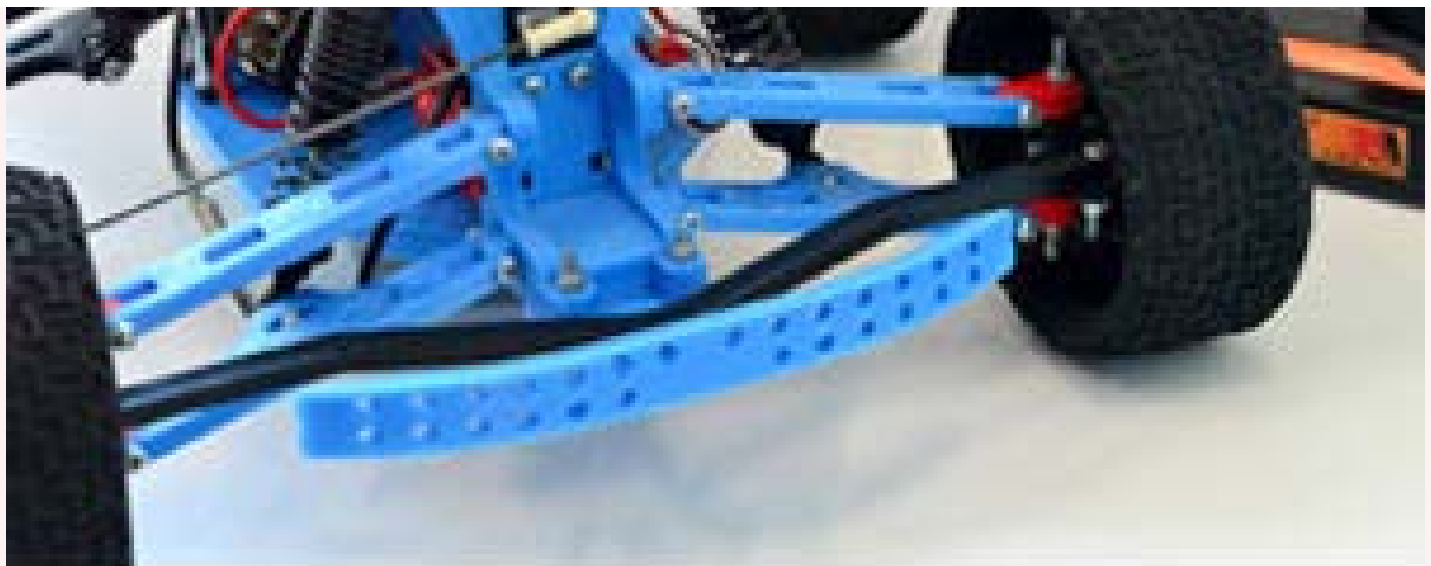


XYZmaker

Make your dreams into reality with the FREE downloadable version of XYZmaker 3D modeling design software for beginners.

LEARN





XYZprinting STEAM

Students and teachers get FREE access to our online curriculum education program, XYZprinting STEAM, which helps K-12 Science, Technology, Engineering, Arts, and Mathematics educators to incorporate 3D printing into their classroom.



Your First 3D Printer

The da Vinci miniMaker uses an intuitive auto-calibration system that adjusts the extruder and print bed accordingly to ensure that you have the best possible prints.



Small Printer, Big Ideas

Don't let its smaller, lightweight design fool you, the da Vinci miniMaker has a robust build size of 5.9" x 5.9" x 5.9"



Eco-friendly and Safe

The da Vinci miniMaker only prints with XYZprinting's biodegradable, non-toxic PLA filament. This filament has gone through various tests to ensure that it is DEHP-free and Heavy Metal-free for your safety



Print Forever

The da Vinci miniMaker is the STEM toy that stays with you as you continue to grow and develop your core STEM skills over the years.

Customer Support

- [Privacy Policy](#)
- [Terms and Conditions](#)
- [Retailers/Etailers](#)

XYZfamily



ALTERNATE “AS EQUAL” BID FORM, BID # 55-18

Bidder to only fill out section below if bidding an alternate “as equal” to the items specified in Section 6.1.

Alternate Brand “As Equal”: 3D Printer Filament, Clear Tangerine

Part Number: 840710102454

Bidding “As Equal” To: Item# 3D Printer Filament, Green

Descriptive Literature Included: Yes or No
(circle one)

Unit Price: \$ 27.95

Extended Price: \$ 7,826.00
(Unit price multiplied by the Estimated Quantity of the Item#)

Professional
Development Price: \$ 0.00

Coaching
Days Price: \$ 0.00

Total Price: \$ 7,826.00
(sum must include Extended Price, Professional Development, and Coaching Days prices, if applicable as specified in Section 6 of the bid specifications)

As per Section 5.2 of this bid: An alternate item “as equal” will only be provided if a bidder is not bidding on the item specification listed on the bid form. Any bid response that contains a bid response for the item specified and an alternate “as equal” bid shall be rejected.

ALTERNATE “AS EQUAL” BID FORM, BID # 55-18

Bidder to only fill out section below if bidding an alternate “as equal” to the items specified in Section 6.1.

Alternate Brand “As Equal”: 3D Printer Filament, Nature

Part Number: 840710102393

Bidding “As Equal” To: Item# 3D Printer Filament, Purple

Descriptive Literature Included: Yes or No
(circle one)

Unit Price: \$ 27.95

Extended Price: \$ 7,826.00
(Unit price multiplied by the Estimated Quantity of the Item#)

Professional
Development Price: \$ 0.00

Coaching
Days Price: \$ 0.00

Total Price: \$ 7,826.00
(sum must include Extended Price, Professional Development, and Coaching Days prices, if applicable as specified in Section 6 of the bid specifications)

As per Section 5.2 of this bid: An alternate item “as equal” will only be provided if a bidder is not bidding on the item specification listed on the bid form. Any bid response that contains a bid response for the item specified and an alternate “as equal” bid shall be rejected.

In conjunction with Section 13.2 of the bid specifications, envelope containing bid should be marked on the outside as follows:

[Bidder's Company Name]
Elementary and Middle School Robotics – Bid# 55-18
Opening: January 17, 2018
Time: 11:00 am CST
Personnel Conference Room

The bidder acknowledges receipt of addendum:

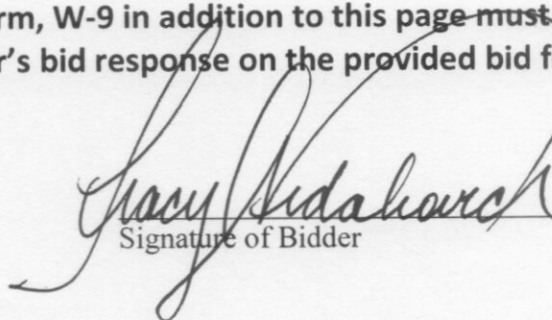
No.1 DATED 12/18/17 No.2 DATED _____ No.3 DATED _____

No.4 DATED _____ No.5 DATED _____ No.6 DATED _____

By signing this document, I affirm that I have read and agree to comply with and be subject to the provisions, specifications, and/or damages involved in the "General Conditions and Instructions to Prospective Bidders" and the "Special Provisions and Bid Form" as contained herein the bid documents.

*****The Debarment Certification Form, W-9 in addition to this page must be filled out, signed and included with the bidder's bid response on the provided bid forms*****

Barnes and Noble
Booksellers, Inc
Name of Firm


Signature of Bidder

122 Fifth Avenue
New York, NY 10011
Address

Tracy Vidakovich
Typed Name of Bidder

212 352 - 3954
Telephone Number

businessdevelopmentbids@bn.com
Email Address