



**Purchasing and Contracts Branch**

2201 East Market Street  
Long Beach, California 90805-5556

Request for Bids (RFB)

**04-1718**

**PLTW Biomedical Science Supplies**

(Price Agreement)

RELEASED ON: 7/3/2017

A handwritten signature in black ink, appearing to be "P. H.", is written over a horizontal line.

Director

6/30/17

Date



## SECTION A - INSTRUCTIONS

### 1. INTRODUCTION

The Long Beach Unified School District (District) is seeking sealed bids from qualified vendors (Bidder), to provide PLTW Biomedical Science Supplies. The intent of this RFB process is to select a Bidder and establish a one (1) year contract with an option to extend for up to two (2) additional one year periods based on satisfactory service/performance.

#### a) District Contact

The District contact (Contact) for this RFB is the sole point of contact for this procurement. All communication shall be in writing and submitted to the Contact as designated below. Bidders are not permitted to communicate with other District staff or officials about this RFB, except during pre-bid meetings and/or interviews, unless otherwise directed by the Contact. Direct written questions and/or correspondence related to this RFB to:

**Contact:** Emmeline Mojica - Purchasing Agent

**E-Mail:** [Emojica@lbschools.net](mailto:Emojica@lbschools.net)

Bidders interested in participating in this RFB should immediately provide Contact with a telephone number and an e-mail address for dissemination of addenda and/or supplemental information, as applicable. Failure to do so may result in late notifications and/or incomplete bids.

#### b) Deadline for Submitting Questions

Any questions regarding this RFB must be submitted, via email, to the Contact referenced above, no later than 7/13/2017 at noon. All submittals must reference the RFB number and title. Questions submitted by the deadline will receive an email response from the District no later than 7/18/2017.

#### c) Quantities

Quantities for each item are based on estimated usage and the District's best estimate of future purchases throughout the term of the bid. Bidders are advised that actual orders may vary from stated quantities.

### 2. FORMAT AND SUBMISSION

Bids must be submitted on the provided bid forms in conformance with this RFB. Bids must be submitted in a sealed envelope with the bid number, bidder's name and address appearing on the face thereof. Bidders must complete and return the following:

- Company Information Form
- Piggyback Clause Form
- Request for Taxpayer Identification Number and Certification Form (Form W-9)
- Bid Form
- Addenda in chronological order (if applicable)
- If bidding other than items specified herein, provide Manufacturer's Specification sheets



Additionally, bids must be submitted to and addressed as follows:

**LBUSD Purchasing & Contracts Branch  
Attn: Emmeline Mojica - Purchasing Agent  
RFB 04-1718 - PLTW Biomedical Science Supplies  
2201 E. Market Street  
Long Beach, California 90805**

The deadline for submitting a sealed bid is **7/25/2017 at 11:00 AM**. Any bid received after this time will be returned unopened (Government Code Section 53068). It is the Bidder's responsibility to ensure that their bid arrives before the deadline. Postmarks will not be accepted in lieu of actual receipt. **Faxed or e-mailed bids will not be accepted.**

### **3. CONTRACT TERM**

The initial contract period will be 08/2017 through 07/2018. The contract may be extended for up to two (2) additional one (1) year periods upon mutual consent of both parties. The District requires that all pricing contained in the bid remain firm for the initial term. The District will consider fully documented requests for price increases, to be submitted at least thirty (30) days prior to contract renewal. The District may, at its sole option, accept any changes or cancel from the contract those items concerned.

### **4. DELIVERY TERMS**

The awarded Bidder shall deliver the requested products to the District within fourteen (14) business days of receipt of purchase order. All items must be delivered, ready for use, F.O.B. Long Beach Unified School District Warehouse, 2201 E. Market Street, or location as specified in purchase order. Additionally, Bidder shall:

- Include a detailed and accurate packing slip with each delivery. Purchase order number must appear on all packages, packing slips, and invoices.

### **5. EQUIVALENT BRANDS**

All items referenced in this bid are "or equal" and are not meant to be restrictive. Bidders desiring to quote other brands must indicate make/brand, and model name/number proposed with each item. The specified brands must be furnished unless clearly indicated by bidder.

If bidding **other than specified**, samples **MUST** be submitted upon request within five (5) business days. Failure to supply samples may be cause for bid rejection. All samples submitted must indicate bid number, bid item number, vendor name; brand and model/mfg. number on **outside of each package**. Deliver package of samples to 2201 E. Market St., Long Beach, CA 90805. Bidder is responsible for all cost of samples and freight, including return service.

### **6. AWARD**

#### **a) Method**

After the public bid opening, where the apparent low bid is identified, bids will be reviewed to ascertain that they are in compliance with the RFB requirements. Bidders may be



deemed non-responsive for failure to comply with the requirements set forth herein. Evaluation of responsive Bidders will be based on, but not limited to such factors as ability to deliver products in a timely manner, appropriateness and quality of materials, and pricing.

Items in this bid will be awarded individually. The District reserves the right to cancel or withdraw any item(s) before award and proceed with an award on the remaining items.

In the event there are two or more identical lowest bids, the District will award to the local vendor (if any). If there is no local vendor, award will be determined in compliance with Public Contract Code 20117.

**b) Award Notification**

A Notification of Intent to Award will be issued to all participating Bidders identifying the lowest responsible/responsive Bidder.

Bids are subject to acceptance within sixty (60) days of closing date, and all bids shall remain irrevocably in effect for sixty (60) days after the bid closing date.

**c) Commencement of Services**

A written purchase order results in a binding contract without further action by either party. A Purchase Order will be issued once:

- Board authority is granted
- Insurance requirements have been met, if applicable
- Verification of current vendor W-9 Tax Form

**d) Reservations**

The District reserves the right to:

- Reject any and all bids, or any part of any bid
- Accept any part of the bids, at prices quoted, to the best advantage of the District, unless Bidder by indicating on bid positively limits his bid to "all or none"
- Waive any informality or minor irregularity in any bid

**7. CLARIFICATION AND INTERPRETATION**

The words "must" or "will" or "shall" in this RFB indicate mandatory requirements. Taking exception to any mandatory requirement may be grounds for rejection of the bid.

The District wants to avoid any misunderstanding where it is assumed that a feature is included in the bid and turns out to be an optional, extra cost feature. Any features that are optional, extra cost items shall be clearly referenced as such in all correspondence, including RFB questions and the written Bid Form.



## SECTION B - GENERAL TERMS AND CONDITIONS

1. The detailed requirements of the Bid Proposal specifications shall supersede any conflicting provisions of these General Conditions.
  2. Hereinafter the word "District" means the Board of Education or its authorized representative. The general specifications are for reference only. The District reserves the right to waive any minor variations from specifications and to evaluate the bid based on the determination of what is in the District's best interest and the ability of the items to perform the task for which they are being purchased. The District will make its determination based on specifications set forth in this bid and their applicability to the end-user's needs.
  3. **ADDENDA:** The District reserves the right to modify and issue addenda to this RFB. A signed copy of all addenda shall be submitted as part of the bid. Failure to include the addenda may result in a non-responsive submittal. Addenda shall become a part of this RFB and any Agreement, which may result from this solicitation.
  4. **AFFIRMATIVE ACTION:** The Long Beach Unified School District is an Affirmative Action/Equal Employment Opportunity Employer and in accordance with applicable state and federal law, does not discriminate in any employment practice on the basis of age (40 and over), ancestry, color, marital status, medical condition (cancer related), national origin, political or union affiliation, physical or mental disability, race, religion, sexual orientation or sex. This policy of affording equal employment opportunities to all persons is in keeping with provisions of Title VII and Title IX amendments of the United States Code, which protect persons against discrimination.
  5. **ASSIGNMENT:** No contract awarded under this proposal shall be assigned except with the District's written approval.
  6. **ASSIGNMENT BY BIDDER:** Assignment by Bidder to purchasing body rights under Federal law arising from purchase pursuant to bid: In submitting a bid to public purchasing body, the Bidder offers and agrees that if the bid is accepted, it will assign to the purchasing body all rights, title, and interest in and to all causes of action it may have under Section 4 of the Clayton Act (15 U.S.C. Sec. 15) or under the Cartwright Act (Chapter 2 commencing with Section 16700) or Part 2 of Division 7 of the Business Professions Code, arising from purchasing body pursuant to the bid. Such assignment shall be made and become effective at the time the purchasing body tenders final payment to the Bidder. The preceding provisions of this section shall be included in full in any specification for the public purchase and shall be included in full in the bid agreement or general provisions incorporated into the bid agreement.
  7. **BID PREPARATION AND SUBMISSION:**
    - a. Bids received later than the time and date specified herein will not be considered and will be returned unopened to the Bidder (Government Code Section 53068).
    - b. All prices and other notations must be typewritten or legibly written in ink. Changes or corrections must be initialed in ink by the person signing the bid.
    - c. Bidders shall bid separately on each item, showing unit price and other required information. The unit price shall prevail.
    - d. Bidder shall quote no less than lowest net price, best delivery date, maximum discount terms for prompt payment of at least thirty (30) days, and list manufacturer and model # of the item offered.
    - e. Unless otherwise stated, bid specifications call for equipment and supplies that are new and unused, of current manufacture.
  8. **CANCELLATION:** District may, at any time, with or without reason, terminate the Bid Award and compensate Bidder only for goods/services satisfactorily rendered to the date of termination. Written notice by District shall be sufficient to stop further performance of services by Bidder. Notice shall be deemed given when received by the Bidder or no later than three days after the day of mailing, whichever is sooner.
  9. **CONTRACT DOCUMENTS:** The complete purchase agreement includes the following documents: The advertisement for bids (when required), the bid and purchase order conditions, the specifications and drawings, the bid of the supplier and its acceptance by the District, the purchase order, performance guarantee, executed agreement, and all amendments thereto. Any of these documents shall be interpreted to include all provisions of the other documents as though fully set out therein.
  10. **DEFAULT BY BIDDER:** The District shall hold the Bidder responsible for any damage which may be sustained because of the failure or neglect of the Bidder to comply with any term or condition listed herein or in the purchase order, it being specifically provided and agreed that time shall be of the essence of the contract delivery requirements.
- If the Bidder fails or neglects to furnish or deliver any of the materials, supplies or services listed herein at the prices named and at the time and places herein stated or otherwise fails or neglects to comply with the specifications and other terms of the contract, the District may, upon written notice to the Bidder, cancel the contract in its entirety or cancel or rescind any or all items affected by such default, and may, whether or



not the contract is canceled in whole or in part, purchase the materials, supplies or services elsewhere without notice to the Bidder. The prices paid by the District at the time such purchases are made shall be considered the prevailing market prices. Any extra cost incurred by such default may be collected by the District from the Bidder and the surety on the performance bond, if any.

11. **DELIVERY:** No equipment shall be accepted unassembled; all equipment shall be assembled prior to (or within three business days) after delivery; and no charges for transportation, handling, containers, packing, etc., will be allowed unless otherwise specified in the bid. All articles shall be subject to inspection and acceptance or rejection by the District.
12. **FORCE MAJEURE CLAUSE:** The parties to the contract shall be excused from performance there under during the time and to the extent that they are prevented from obtaining, delivering or performing by act of God, fire, strike, loss or shortage of transportation facilities, lockout, or commandeering of materials, products, plants or facilities by the government, when satisfactory evidence thereof is presented to the other party, provided that it is established that the non-performance is not due to the fault or neglect of the party not performing.
13. **PAYMENT:**

Payment will be made only to the firm name written on the bid. All cash discount (prompt payment terms) shall be taken and computed from the date of acceptance of material or the date of receipt of the invoice, whichever is later.
14. **PERMITS AND LICENSES:** Licenses must be legally held in the name as submitted on bid documents. The Bidder and all of his employees or agents shall secure and maintain in force such licenses and permits as are required by law, in connection with the furnishing of materials, articles or services herein listed.
15. **PRICING:** Unit prices shown on the bid shall be the price per unit of sale as stated herein. For any given item, the quantity multiplied by the unit price shall establish the extended price; the unit price shall govern in the bid evaluation and contract administration.
16. **PROMPT PAYMENT TERMS:** Cash discounts shall be considered in determining low bid if discount offered is for (30) day payment period or longer. Cash discounts for less than thirty (30) days shall not be considered in determining low bid.
17. **PROPERTY OF THE DISTRICT:** All bids and materials submitted become the property of the District and may be used by the District in any way it deems appropriate. In addition, bids received will be subject to the California Public Records Act.
18. **SAFETY AND LEGAL REQUIREMENTS:**
  - a. All materials, equipment or supplies referred to in the bid shall be in full compliance with the safety orders and regulations of the Division of Industrial

Safety of the State of California, product labeling and regulations of the California Department of Consumer Affairs, and the minimum standards of the O.S.H.A., and all other laws and ordinances applicable thereto.

- b. All electrical, radio and electronic equipment, materials, supplies and accessories called for in the specifications must bear the seal of approval of the Underwriters Lab., Inc., and/or the Electrical Testing Laboratories of the City of Los Angeles. Where seals of approval are not visibly identifiable, a signed statement of such approval shall be furnished to the District, if so requested.
  - c. Motor-driven or shock-hazard machinery and appliances must have a 3-wire cord (grounded) and 3-prong plug. If the item is "double-insulated" and so certified by U.L., grounding is not necessary.
  - d. When applicable, will be required to submit Material Safety Data sheets (MSDS) for the items awarded.
19. **TRADE-INS & ALTERNATIVE BID:** The District may offer to purchase certain items conditioned on the agreement of the Bidder to purchase designated equipment and remove same from the District, and stating in the bid the amount that may be deducted from the bid price for furnishing the new material, as provided in § 39523 and § 81454 of the Education Code. Condition of the equipment to be turned in is to be "as is". Equipment may be inspected if desired. Bidder may either offer an exchange allowance or an alternative quotation on the same item without trade-in.
- Unless otherwise stated, bid specifications call for equipment and supplies that are new and unused, of current manufacture.
20. **WARRANTY:** Period shall begin on the date that the article is placed into service by the user. Each Bidder shall state in writing the warranty on parts and labor as applicable. Additionally, Bidder shall warrant all products to be free from defects in both materials and workmanship, and will guarantee replacement and/or full refund of the purchase price. Warranty period shall begin on the date that the article is placed into service by the user.
  21. **WITHDRAWAL OR CHANGE OF BID:** Bids may be withdrawn only by letter or in person prior to the stated closing time. No change(s) or addition(s) or correction(s) or withdrawal of bids will be permitted after the stated closing time. Bids may only be withdrawn after closing with consent of the District.



### COMPANY INFORMATION FORM

To: Board of Education of the Long Beach Unified School District

In compliance with the Request for Bids, the undersigned, acting for the firm named, hereby proposes and agrees, if this bid be accepted, to furnish the items and/or services at the prices quoted opposite each item, within the times indicated, and in accordance with the instructions, general conditions, and specifications set forth in these bid documents.

Company Name: \_\_\_\_\_

Address: \_\_\_\_\_

\_\_\_\_\_

Telephone: (     ) \_\_\_\_\_

E-mail: \_\_\_\_\_

Tax ID Number: \_\_\_\_\_

**NON-COLLUSION STATEMENT:** Bidder hereby certifies that this bid is genuine and not collusive or made in the interest or behalf of any person not herein named, and that the Bidder has not directly or indirectly, induced or solicited any other Bidder to put in sham bid, or any other person, firm, or corporation to refrain from bidding, and the Bidder has not in any manner sought by collusion to secure for himself an advantage over any other Bidder.

**OBJECTION TO TERMS:** If the Bidder has any objections to the terms of this RFB, these objections must be clearly addressed, in writing, on the a cover letter which shall accompany the bid and shall specifically reference the particular section number, paragraph, and page number of the objection.

\_\_\_\_\_  
Principal Name

\_\_\_\_\_  
Title

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Date



## PIGGYBACK CLAUSE

Company Name: \_\_\_\_\_

For the term of the agreement and any mutually agreed extensions pursuant to this request for bids, **at the option of the vendor**, other school districts, community college districts, any public corporation or agency, including any county, city, town or public corporation or agency within the State of California, may purchase the identical item(s) at the same price and upon the same terms and conditions pursuant to sections 20118 of the Public Contract Code.

The Long Beach Unified School District waives its right to require such other districts and offices to draw their warrants in the favor of the District as provided in said Code sections.

**Please initial one of the following:**

Piggyback option granted \_\_\_\_\_

Piggyback option ***not*** granted \_\_\_\_\_

***Acceptance or rejection of this clause will not affect the outcome of this bid.***

Exclusions:

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# Request for Taxpayer Identification Number and Certification (Form W-9)

Form <b>W-9</b> (Rev. December 2014) Department of the Treasury Internal Revenue Service	<b>Request for Taxpayer          Identification Number and Certification</b>	<b>Give Form to the          requester. Do not          send to the IRS.</b>
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Print or type See Specific instructions on page 2.	<b>1</b> Name (as shown on your income tax return). Name is required on this line; do not leave this line blank.	
	<b>2</b> Business name/disregarded entity name, if different from above	
	<b>3</b> Check appropriate box for federal tax classification; check only <b>one</b> of the following seven boxes: <input type="checkbox"/> Individual/sole proprietor or single-member LLC <input type="checkbox"/> Limited liability company. Enter the tax classification (C=C corporation, S=S corporation, P=partnership) ▶ _____ <small>Note. For a single-member LLC that is disregarded, do not check LLC; check the appropriate box in the line above for the tax classification of the single-member owner.</small> <input type="checkbox"/> Other (see instructions) ▶ _____	<b>4</b> Exemptions (codes apply only to certain entities, not individuals; see instructions on page 3): Exempt payee code (if any) _____ Exemption from FATCA reporting code (if any) _____ <small>(Applies to accounts maintained outside the U.S.)</small>
	<b>5</b> Address (number, street, and apt. or suite no.)	Requester's name and address (optional)
	<b>6</b> City, state, and ZIP code	
	<b>7</b> 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.

	<b>Social security number</b>				
	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:25%; height: 20px;"></td> <td style="width:25%; height: 20px;"></td> <td style="width:25%; height: 20px;"></td> <td style="width:25%; height: 20px;"></td> </tr> </table>				
	<b>OR</b>				
	<b>Employer identification number</b>				
	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:25%; height: 20px;"></td> <td style="width:25%; height: 20px;"></td> <td style="width:25%; height: 20px;"></td> <td style="width:25%; height: 20px;"></td> </tr> </table>				

**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.

<b>Sign Here</b>	Signature of U.S. person ▶ _____	Date ▶ _____
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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/fw9](http://www.irs.gov/fw9).

**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**

**COMPANY NAME \_\_\_\_\_**

Item #	Qty	UOM	Description	PLTW Item #	Unit Price	Extn Price
1	50	each	Alcohol Burner 3.5 oz/100 mL	WLS12705		
2	86	each	Atery, vein and capillary, Cs histology slides	S12009		
3	10	each	Bacillus Gram Negative Microscope Slide	S06326PS		
4	10	each	Bacillus Gram Positive Microscope Slide	S06325PS		
5	1	pk	Beakers, 100 mL 12/pack	S15431		
6	3	pk	Beakers, 1000 mL, 6/pack	S15436		
7	1	pk	Beakers, 250mL, 12/pack	S15433		
8	3	pk	Beakers, 50mL, 12/pack	S15430		
9	34	each	Buret Clamps, 1-3/8" Opening	WL4901		
10	1	each	Burner Tripod, 23cm x 13 cm x 9 cm	WLS82505-A		
11	9	each	Cell Zone Molecular Puzzle	MP-101		
12	10	each	Coccus Gram Positive Prepared Microscope	S06317PS		
13	44	kit	Complete Blood Pressure Kit	WLS5596-15		
14	15	each	Conical Tubes, 50/pack, 15 mL	WLS1776-38		
15	4	pk	Diagnosing Diabetes Customized PLTW Kit Pack	PLTW-DDU		
16	68	each	Dissecting Forceps, Stainless Steel, 4-1/2"	470018-950		
17	50	each	Dissection Guide, Mammilian Heart, Illustrated	S4171S		
18	1	each	Dissection Tray, Wax Lined	S65104		
19	34	kit	DNA Discovery Kit	DNA-12-PLTW		
20	25	each	Dual Magnifier, 3x magnification	WL8068		
21	34	each	Edvotek M12 Dual Electrophoresis Apparatus	504		
22	35	each	Edvotek Micropipet, Digital 20-200ul	591-1		
23	9	each	Electronic Balance, 500 g, 0.1g readability	44PWB147		
24	5	pk	Erlenmeyer Flask, Narrow neck, 250mL, 12/pack	SOO144		
25	9	pk	Erlenmeyer Flask, Narrow neck, 500mL, 6/pack	SOO145		
26	4	pk	Erlenmeyer Flasks, 1000 mL, 6/pack	WLS1736-14		
27	5	pk	Erlenmeyer Flasks, 50 mL, 12/pack	WLS1736-09		
28	10	each	Escherichia colo (non-pathogenic) Gram Stain	S05873PS		
29	5	each	Flint Glass Tubing, 60 cm long x 5 mm OD, 1 lb.	470005-532		
30	68	each	Forceps, Fine-Point with Guide Pin, 4-1/2"	WLS26475		
31	34	pk	Glass Dropping Bottles, 15 mL, 12/pack	470178-122		
32	86	each	Graduated Cylinder, 10 mL, 0.2 mL Graduations	WL5260B		
33	7	each	Graduated Cylinder, 1000 mL	S32816A		
34	68	each	Graduated Cylinder, 250 mL	S32814A		
35	68	each	Graduated, Cylinder, 50 mL, Polypropylene	WL5260D		
36	10	each	Gram-Negative Spirillum Microscope Slide, w.m.	294054		
37	19	each	Hot Plate Stir Plate, 7"x7" surface, 100-120V	470013-372		
38	68	each	Human Blood Film Smear, Wright's Stain,	S99032PS		
39	2	each	Lab Incubator, 0.7 cu. F.	WLS43660		
40	9	each	Magnetic Stir Bar, 1"	S68069		
41	34	each	Microcentrifuge Tube Rack, 20 well	S43127		
42	3	each	Microcentrifuge, High Speed 9800 xG	NC0882069		
43	68	each	Microscope, binocular, mechanical stage, 100 x	S13039		
44	100	each	Mohrs Pinchcock for Tubing	WLS19495-A		
45	68	each	Red Spirit Thermometers, -20 to +150 degrees C	WLS80035-10C		
46	100	each	Rubber Laboratory Apron, 27"x42"	WLS1752-36		

**BID FORM**

COMPANY NAME \_\_\_\_\_

Item #	Qty	UOM	Description	PLTW Item #	Unit Price	Extn Price
47	5	each	Rubber Stopper, #6, 2 hole, 1 pound	S24568		
48	4	each	Rubber Tubing Amber, 3/16" bore, 1/16", wall, 10'	711552		
49	100	each	Safety Goggles, Anti-fog Indirect Vent	WLS40380-03E		
50	1	each	Sanitizing Cabinet, Thirty-Five Goggle Capacity	WLC94002-67		
51	1	each	Scientific Calculator, any brand	44PWEE1950		
52	50	each	Screw Compression Clamp with Open Jaw 13-19	WLS19475-B		
53	12	pk	Stirring Rods, 12/pack	470200-955		
54	50	each	Stopwatch, handheld	470014-582		
55	14	pk	Student Grade Economy Microscope Slides, 72/pack	WL8117A		
56	34	each	Support Stand with Rod and Base	WLS78305-A		
57	50	each	Tape Measure, fiberglass, 60"	S14011		
58	7	pk	Test Tube Brushes, 12/pack	WLS9990		
59	68	each	Test Tube Clamp (Stoddard Clamp)	WLS19565		
60	68	each	Test Tube Rack, 12 well, 5 peg	470175-308		
61	24	each	Test Tubes, 72 pack, 20mm x 150 mm	WLS1737-06		
62	18	each	Tetra Source 300 Power Supply, for electrophoresis tanks	5010		
63	5	each	Triangular Files with Handle, 6"	S66972		
64	25	each	Tripod Stand Accessory Kit (for burners)	470012-324		
65	3	each	Tubing, 6mm diameter x 10 meter length	S09607		
66	50	each	Vernier Blood Pressure Sensor	BPS-BTA		
67	50	each	Vernier Hand Grip Heart Rate Monitor	HGH-BTA		
68	68	each	Vernier LabQuest Mini	LQ-MINI		
69	25	each	Vernier Stainles Steel Temperature Probe	TMP-BTA		
70	5	pk	VWR Corks, 10 pack	23420-504		
71	68	each	VWR Pipet Fillers, 50mL capacity	WLS69793-B		
72	1	each	VWR Small Latex Bulbs, 72pack, 1mL capacity	82024-550		
73	50	each	Ward's Atherosclerosis Slide	470183-248		
74	5	pk	Ward's Numbered marker Tents, 15 pack	470146-864		
75	50	each	Ward's Sickel Cell Anemia, Smear, Slide	WL70271		
76	68	set	Ward's Student Dissecting Set	WLS1407-71		
77	46	each	Washing Bottle with Trigger Sprayer, 500 mL capacity	WLS9480		
78	2	each	Water Bath, General Purpose, 2 liter	89501-460		
79	14	each	White Light Illuminator	470014-592		
80	18	each	Adult Skin, Microscope Slide	470007-798		
81	1	each	Anatomy in Clay EZ-Squeeze Clay Handle	ZSR-316CP		
82	1	kit	Anatomy in Clay Learning System, PLTW Instructor Kit	ZSR-PTLW-101		
83	1	kit	Anatomy in Clay Learning System, PLTW Student Kit	ZSR-PTLW-102		
84	12	each	Broken Bones X-rays	S12883		
85	2	kit	Carolina Visual Perception kit	694527		
86	9	each	Edvotek Micropipet, Digital, 0.5-10 uL	589		
87	1	pk	Erlenmeyer Flasks, 125 mL, 12 pack	WLS1736-11		
88	6	each	Fetal Doppler, Sonotrax	Sonotrax		
89	6	each	Floating Microtube Rack Polypropylene Rack	S66814		
90	25	each	Goniometer, 12" 360 Degrees	470019-280		
91	2	set	Histology of Mammalia, Basic Set, 25 slides	S2400		
92	1	each	Human Eye Model	OS-8477A		

**BID FORM**

**COMPANY NAME** \_\_\_\_\_

Item #	Qty	UOM	Description	PLTW Item #	Unit Price	Extn Price
93	2	pk	Interlocking Cubes, 500 pack	44PWEE2686		
94	9	each	Mammal Compact Bone Microscope Slide, I.s., H and E	312958		
95	9	each	Mammal Spongy Bone Microscope Slide	S99039PS		
96	36	each	Percussion Hammer, 7-1/2"	WL3544		
97	4	kit	Sherlock Bones: African Female (Bone Set Only)	823852		
98	4	kit	Sherlock Bones: Skeletal Remains (Caucasion Male Full Ki	366825		
99	2	pk	Student Dry Erase Whiteboards, 1 cm grid, 30 pack	S94341		
100	9	each	Tape Measure, Steel, 25 foot with thumb lock	44PWEE2062		
101	37	each	Vernier 25G Accelerometer	ACC-BTA		
102	78	each	Vernier EKG Sensor	EKG-BTA		
103	19	each	Vernier Gas Pressure Sensor	GPS-BTA		
104	37	each	Vernier Hand Dynamometer	HD-BTA		
105	19	each	Vernier Spirometer	SPR-BTA		
106	6	each	Ward's Mammalian Muscle Composite Slides, 3 types	WL51529		
107	4	kit	Ward's Simulated ABO & Rh Blood Typing Kit	470213-350		
108	1	set	Amino Acid Starter Kit - 5 Group Set	AASK-05		
109	1	pk	BD Syringes with Leur-Lok Tips, 60 mL, 10 pack	44PWEE1260		
110	1	kit	DNA Chips: Genes to Disease Kit Full Kit	211520		
111	1	each	EdvoCycler, Thermal Cycler, 25x0.2mL Tube Capacity	WLS541		
112	1	each	Floor puzzle, USA map, 51 piece	44PWEE2000		
113	1	each	Logitech Webam C270	44PWEE2002		
114	1	each	Medline Ultra Reacher - 31"	44PWEE2001		
115	1	each	Mini Longwave UV Lamp, UVP, 365 nm	44PWB3124		
116	1	each	MV10 Vertical Electrophoresis Apparatus	S90257ND		
117	1	kit	Natural Selection and Antibiotic-Resistant Bacteria Kit	470024-334-DNU		
118	1	each	PVC Coupling, 1 inch diameter	470012-760		
119	1	each	Shaking Waterbath, Digital, 10L capacity	S05876		
120	1	each	Straight Dressing Forceps with Blunt Tips	WLS26525-B		
121	1	each	Tuning Fork, Aluminum Alloy, 512 VPS	WL3227		
122	1	each	Vernier Blueview Transilluminator	BLUE-VIEW		
123	1	each	Vernier Respiration Monitor belt	RMB		
124	1	each	Vernier Surface Temperature Sensor	STS-BTA		
125	1	set	Wood Blocks Set, 100 piece	44PWEE1999		
126	1	each	Bone Cutting Shears, 5-1/2"	WLS26561		
127	1	each	Clostridium botulinum Microscope Slide, w.m.	294498		
128	1	each	Edvotek Micropipet, Digital 100-1000 ul	592-1		
129	1	each	Lung Section Microscope Slide	S99207PSPS		
130	1	each	Agar Powder, 500g	S14153		
131	2	each	Albumin from eggs, 25 g	S25132		
132	6	each	Benedicts Qualitative Solution, 500 mL	470300-364		
133	2	each	Biuret Reagent Solution, 500 mL	470300-398		
134	2	each	Crime Scene Barrier Tape, 3"x1000' L roll	S69003A		
135	28	each	Denatured Ethyl Alcohol, 95%, 500 mL (aka Ethanol)	S25310		
136	2	each	Dextrose, 500g	470301-140		
137	25	each	Dialysis Tubing, 32mmx20.4mm, 10'	470163-418		
138	8	each	Disposable Serological Pipets, 10mL, .1mL markings, 200/	89130-888		

**BID FORM**

**COMPANY NAME \_\_\_\_\_**

Item #	Qty	UOM	Description	PLTW Item #	Unit Price	Extn Price
139	6	pk	Disposable Soda Lime Glass Pipets, 9", 250/pack	S67051		
140	6	pk	Disposable Transfer Pipets, Narrow Stem, 500/pk	14670-345		
141	3	pk	Edvotek Pipet Tips, 2-200uL, 1000 pack	636-B		
142	27	each	Electrophoresis Refill Melt, Agarose Powder	S25129		
143	10	pk	Glass Cover Slips, 18 mm x18mm, 100 pack	WL8124A		
144	4	each	Glycerin, 500 mL	470301-174		
145	4	each	Gram Staining and Bacterial Morphology Lab	154728		
146	8	each	Hydrochloric Acid, 0.1M, 1 liter	470301-224		
147	140	each	Immersion Oil, Type B, 1 oz	S19314		
148	5	pk	Inoculating Loops and Needles, Sterile, 250/pack	89126-872		
149	6	pk	Microcentrifuge Tubes, 500 pack	WLS1821-87		
150	16	pk	Pack of 100 Sterile Alcohol Pads	470106-486		
151	38	each	pH Paper in Dispenser, 1/2"x50', with Color Chart	S60149		
152	2	each	Phenolphthalein, Indicator Powder 100g	S25466A		
153	4	kit	PLTW Hypercholesterolemia Kit by Edvotek	118-PLTW		
154	2	each	Postassium Iodide, 500 mL	S93408		
155	44	pk	Powder-Free Disposable Nitrile Gloves, Large - 100 pack	WLS40289-D		
156	100	each	Sheep Heart, preserved	S28067		
157	2	each	Sodium chloride, 500g	470302-522		
158	6	each	Sodium Hydroxide, 500 mL	470302-568		
159	3	each	Sodium Polyacrylate, 100 grams	891480		
160	10	pk	Tryptic Soy Agar, 10/pack (perishable)	470180-692		
161	133	each	Vernier EKG Electrodes	ELEC		
162	4	set	Ward's Pigmented Bacteria Set	WL23814		
163	8	pk	Weigh Dish, 500 pack	S67090A		
164	7	each	Acetone, Lab Grde, 500 ml	470300-070		
165	18	each	Aquasonic Gel, 250 mL	68200-710		
166	7	each	Catalase, Laboratory, Powder, 5 g	470300-672		
167	14	pk	Cow Eyes, Preserved, 10 pack	470221-068		
168	5	pk	Edvotek Pipet Tips, 0.5-10 uL, 1000 pack	635-B		
169	9	each	Hydrogen Peroxide, 6%, 3.8L	470301-286		
170	70	each	Natural Skeletal Structures-Elbow Joint	470220-628		
171	140	each	Natural Skeletal Structures-Longitudinal Section of Bone	470220-630		
172	255	each	Pig Kidney, Preserved (allow 6 weeks for delivery)	S1452S		
173	20	kit	PLTW DNA Detectives Kit by Edvotek	225-PLTW		
174	150	each	Sheep Brain Required for MD, Optional for HBS	S28069		
175	15	pk	Urine reagent Strips, 100 pack	23111262		
176	10	each	Vernier pH Buffer Capsules (3x10)	PH-BUFCAP		
177	22	each	Vernier Spirometer Consumable Bundle	PLTW-HBSCON		
178	22	kit	Ward's ATP Muscle Kit	470177-242		
179	22	each	Ward's Simulating Urinalysis Lab Activity	470190-606		
180	22	each	Wards Artificial Urine, 500 mL	470024-546		
181	1	each	Bio-Safe Coomassie Stain, 1 liter	1610786EDU		
182	1	kit	BIORAD Green Fluorescent Chromatography Kit	1660005EDU		
183	1	kit	BIORAD pGLO Bacterial Transformation Kit	1660003EDU		
184	1	each	Dithiothreitol (DTT), 1 g	1610610EDU		

**BID FORM**

**COMPANY NAME \_\_\_\_\_**

Item #	Qty	UOM	Description	PLTW Item #	Unit Price	Extn Price
185	1	each	DNA Damage: Studying the Impact of UV Light	173608		
186	1	each	Edvotek Precast Polyacrylamide 2 Gels, 9x10cm	651-PLTW		
187	1	pk	Edvotek Prot/Elec Pipet tips, 1000 pack	638-B		
188	1	kit	How to Stitch Wounds Kit	470019-180		
189	1	kit	Introductory Baterial Conjugation Kit (Perishable)	211125		
190	1	each	Laemmlli sample Buffer, 30 ml	1610737EDU		
191	1	pk	PCR Tubes, 0.2 ml, 100 pack	S09606		
192	1	each	PLTW DNA/RNA Microarrays Kit by Edvotek	235-PLTW		
193	1	each	PLTW Elisa Kit by Edvotek	268-PLTW		
194	1	each	PLTW Morphology of Cancer Cells Kit by Edvotek	990-PLTW		
195	1	each	Precision Plus Protein Kaleidoscope Standards	1610375EDU		
196	1	each	PTC Extraction and Amplification kit with 0.2 mL Tubes	211377		
197	1	each	SYBR Safe Stain	608		
198	1	each	Tris-glycine buffer with SDS, 500 mL, 10 x concentration	470302-976		
199	1	kit	Carolina Forensic Dissection kit for a Class of 32	221489		
200	1	pk	Edvotek Pipet Tips, 100-1000 uL, 1000 pack	637-B		
201	1	each	Edvotek Water Quality Testing I	S68636		
202	1	each	Edvotek Water Quality Testing III	S95132		
203	1	each	Fetal Pig, 13 inch	S1190S		
204	1	pk	Radish Seeds, package of 1200	470092-802		
205	1	kit	Water Polluion Kit	S19348		
206	50	pk	Pig Kidney, Preserved, 10 pack	470001-662		
207	24	kit	Simulated ABO & Rh Blood Lab refill Kit	WL54823		
208	4	kit	DNA Necklace Classroom kit for 32 students	211138		
209	5	kit	Exploring Electrophoresis and Forensics Replacement Kit	211016		
210	4	each	Exploring Human Senses	694502		
211	4	pk	Powder-Free Disposable Nitrile Gloves, Med- 100 pack	470222-548		
212	2	each	Launch 5.3 refill kit - Infection: Detection	220-4525		
213	16	pk	Launch Logs 3.1 through 5.4 - 5pack	220-4593		
214	12	each	Hydrogen Peroxide, 3%, 3.8L	470301-270		
215	6	each	D-Glucose Monohydrate, 500 mL	470301-156		
216	70	pk	Modeling Clay, 1 pound , 4 assorted	470149-616		
217	2	each	3M Temflex vinyl Electrical tape 1700	44PWG158		