

## **ADDENDUM #3 SUMMARY**

### **Waltham High School FFE Bid Package**

This addendum does hereby become a part of the Contract Documents, and in the case of conflict, it supersedes the original specifications and/or drawings.

Changes to specifications and bid forms are highlighted in **bold, large type face**. Changes to drawings are highlighted with revision clouds. Only plans, specifications, and bid forms with changes are included in this addendum package.

The Contractor shall be responsible for issuing information contained herein to subcontractors and suppliers to ensure that his/her proposal covers all work required by the Contract Documents including this addendum.

Category	Action
1. Bid Summary Form	Includes acknowledgement of addendum
2. Bid Form E-01	FE14: Additional size information added
3. Bid Form E-07	PE59: Change quantity to 20 PE60: Item removed
4. Bid Form E-10	ES30: Tubes should be cut at 120cm ES51: Product Variation: Android
5. Bid Form E-12	PH125: Mirrors are 4 inches PH136: Additional information added

#### Supplemental Information

1. Question: It looks like items PE59 and PE60 are identical, was this intentional? And should both be included in the total bid amount for the bid surety calculation?

Answer: Yes, these items are meant to be duplicates. Remove item PE60 and change PE59 quantity to 20. Full quantity to be included in the total bid amount.

Question: Can the bid surety be in the form of a money order or wire transfer?

Answer: We will accept a scan of the money order and follow up with the money order.

Question: On the bid documents, we noticed 2 "Practice Mounds with Turf". However, the SKU provided for this mound is incorrect, showing an igloo Cooler. Would you be able to provide us with more information on this specific mound so we can price it out accordingly?

Answer: The SKU was checked, and the correct product comes up. The product is from BSN Sports and the SKU is 1237153. The Practice Mound is 10"H x 4" W x 9" L.

Question: If we are only bidding on one category. Do we also have to send in a bid Security of 5%? If yes, How does this work if we will be emailing you the bid package?

Answer: Yes, you must send in a bid surety of 5%. Yes, you can email us a scan of the Bid surety and follow up with a hard copy.

Question: Need to know if we have the right model for the Chromebook model that is required for the

Stefura Associates Inc  
77 North Washington Street  
Boston MA 02114  
617 723 5164

**Addendum #3 Date: 14 November 2023**  
Project: Waltham High School  
554 Lexington Street  
Waltham, MA 02452

"45 W USB-C Type C Chromebook Charger Replacement". (In category E-11 Item CH124 and E-12 item PH194)

Answer: The model is from Walmart and called "45W USB-C Type-C Chromebook Charger Replacement for HP Chromebook X360 11 Q7 Q8 EE 11-Smbo Detachable 10-P0XX Laptop Adapter" from seller Ursulan. It is noted this product is Compatible with most Google Chromebook Chargers.

Question: Please confirm the correct adapter for E-11 item CH123 and E-12 item PH179. "USB C Hub HDMI Adapter, Multi Docking".

Answer: The Item is from Amazon and called "USB C Hub HDMI Adapter for MacBook Pro/Air Swith and Other Type C Devices, USBC Digital AV Multiport (6 in 1 Dongle with Ports of typec USB 3.0/4K HDMI/SD/TF Card Reader) Type-c Multi Docking" from the B3 BIGTHREE Store. ASIN #B09QM99ZTV.

Question: In Category E-10 item ES53 and in category E-12 item PH69, the item is no longer available. Can you provide an alternate?

Answer: If item is unavailable, please provide an alternate.

Question: Items ES50 (Category E-10) and PH53 (Category E-12) the items are unavailable. Can we substitute if needed?

Answer: Yes, if item is unavailable, please provide an alternate.

Question: The Maharam Mantle is approved for application but requires a heavy acrylic backing. It is the dealer's responsibility to ensure the required backing is applied to the COM prior to shipping to Bernhardt. Yardage requirements will need to be increased by 10% to allow for shrinkage during the treatment process. Any stain repellent also needs to be added prior to shipping to us.

Answer: Yes, an acrylic backing and stain repellent finish is approved for use.

To: Waltham High School

A. The undersigned proposes to furnish all labor and materials required for the furniture, fixtures and equipment bid package for Waltham High School, Waltham Massachusetts, in accordance with the accompanying Bidding Documents.

B. **This Bid includes addenda number(s)** \_\_\_\_\_

The list below provides a summary of items required to be written out on bid forms. Bidders do not need to bid every subcategory. **Refer to General Conditions for additional rules on awarding of contracts.**

Bid Category	Subtotal	Award Protocol
Subcategory A-1: Ancillary Furniture	_____	"Extended Price"
Subcategory B-1: Dramatic Play	_____	"Extended Price"
Subcategory C-1: Medical Furniture	_____	"Extended Price"
Subcategory C-2: Metal Shelving	_____	"Extended Price"
Subcategory D-1: Miscellaneous Furniture	N/A, Refer to Subcategory D-1 Bid Form for Item Prices	"Item by Item"
Subcategory D-2: Waste Receptacles	_____	"Extended Price"
Equipment Subcategories E-1 through E-23	N/A, Refer to Equipment Category Bid Forms for Item Prices	"Item by Item"

C. The undersigned certifies under the penalties of perjury that this Bid is in all respects bona fide, fair and made without collusion or fraud with any other person. The word "person" shall mean natural person, joint venture, partnership, corporation or other business or legal entity.

_____	Name of General Bidder
_____	By: _____
Date	Signature
_____	Name and Title of Person Signing
_____	Business Address
Business Telephone	_____
_____	City and State
Business Fax	_____
_____	
Business Email	

SA Code	Item Description Manufacturer/Model #	Manufacturer/Model #	Bid as Spec'd? Y/N	Alternate Bid Item Description Manufacturer/Model #	Alternate Bid Finish	Lead Time	Qty.	Unit Cost	Total Cost
<b>Equipment Section E-1: Athletics</b>									
FE01	Collegiate Official Fame Goal	STX					4		
FE02	Official Field Hockey Goal with Wheels	KWIK Goal #2F501					4		
FE03	Evolution Soccer Goal	KWIK Goal #2B3306					4		
FE04	Premier Corner Flags	KWIK Goal #6B1404					2		
FE05	Painted Aluminum Player Bench with Shelf, 21', Red, Dark Grey legs	Beacon Athletics #115-380-160					2		
FE06	Fisher Next Level Folding Team Chairs, Customized, White chair, Scarlett letters on chair back "Hawks". Waltham W on Seat	BSN Sports #1399627					32		
FE07	Hanging Chair Cart	<b>BSN Sports #1399629</b>					1		
FE08	Portable Net System	BSN Sports #1282467					3		
FE09	Baden Lexum Volleyball, Red/White	BSN Sports #1460693					20		
FE10	E-Z Fold Cart	BSN Sports #MCVBCARTY					3		
FE11	Wide Body Ball Carts, 4 rows, 16 balls	BSN Sports #BCART16W					2		
FE12	C-Shaped Softball Pitchers Protector	BSN Sports #1366836N					2		
FE13	Baseball L-Screen	BSN Sports #BSPROL					2		
FE14	<b>Practice Mound with Turf, 10"H x 4"W x 9"L</b>	BSN Sports SKU: 1237153					2		
FE15	Home Plate Mats, 12'x6'	On Deck Sports #AT5002C					2		
FE16	Jennie Finch Softball Pitching Lane Pro	On Deck Sports #MP3010					2		
FE17	Select Futsal Jinga Soccer Ball, Size 5, Yellow/Blue	BSN Sports #1453626					12		
FE18	Batting Practice Ball Cart	BSN Sports #1378683					2		

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<b>Equipment Section E-1: Athletics</b>									
FE19	Wilson Evolution Basketball, Size 7, 29.5"	BSN Sports SKU: 1013900					16		
FE20	Wilson Evolution Basketball, Size 6, 28.5"	BSN Sports SKU: 1013917					16		
<b>TOTAL Product</b> Delivery & Installation							<u>INCLUDE IN UNIT PRICE</u>		

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<b>Equipment Section E-7: PE</b>									
PE01	Pre-Cut Gym Floor Covers, 18oz, Royal Blue	US Games #1369718					1		
PE02	Bear Firebird Bow	Gopher # 72-146					15		
PE03	Free Standing Rolled Foam Target	US Games #20021336					4		
PE04	Medieval Leather Shooting Tab, Medium	3 Drivers Archery #9500X					25		
PE05	Medieval Leather Shooting Tab, Large	3 Drivers Archery #9500X					5		
PE06	6" Economy Archery Armguard	US Games #3700					30		
PE07	Cajun Archery Fiberglass Target Arrows, 30", 72 Pack	US Games #20027572					1		
PE08	Large Program Bag	High 5 Adventure					1		
PE09	Small Program Bag	High 5 Adventure					1		
PE10	EZ Headwall Universal Harness, Regular	Ropes Gear					25		
PE11	EZ Headwall Universal Harness, XL	Ropes Gear					5		
PE12	11mm New England Apex Dynamic Rope, 200 Meter Spool	Ropes Gear					1		
PE13	Edelrid Ultralight Climbing Helmet, Regular	Ropes Gear					30		
PE14	Adjustable Lobster Claw, Adjustable Lanyard w/ Snap Hooks & Zorber	Ropes Gear					1		
PE15	Black Diamond ATC	Ropes Gear					10		
PE16	Cypher Sawtooth HMS Triple Action	Ropes Gear					10		
PE17	High 5 Lower Off Kit for Voyageur Course	High 5 Adventure					1		
PE18	Rainbow TuffSpots Spots	Gopher #93-025					6		

Bidder Name: \_\_\_\_\_

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<b>Equipment Section E-7: PE</b>									
PE19	DuraHoop Hoops, 36", Set of 12	Gopher #43-506					4		
PE20	Hoop Coupe Storage Bags 36"	Gopher #43-521					4		
PE21	Portable Badminton Game Standards	US Games #1537					5		
PE22	Gopher G3500 Titanium/Aluminum Badminton Racquet	Gopher, #51-005					100		
PE23	MacGregor Economy Shuttlecocks, Pack of 144	US Games #1753					2		
PE24	Outdoor Pickleball Net	Pickleball Central #PB113					5		
PE25	Racquet Cart	US Games #1690					1		
PE26	Mylec Pro Style Steel Goal - 72"W x 48"H x 33"D	US Games #20020081					4		
PE27	Gopher SofStriker Soccer Balls, Rainbow, Size 5, Set of 6	US Games #62-202					1		
PE28	Deluxe Portable Ball Locker	US Games #6625					2		
PE29	Nike Elite All Court 2.0, Official Size 29.5"	US Games #NKN100413985507					20		
PE30	Rawlings Edge Composite Footballs, Official	Gopher #62-591					10		
PE31	Baden Contender Composite Basketballs, Womens size 6	Gopher #03-677					5		
PE32	Baden Contender Composite Basketballs, Mens Size 7	Gopher #03-676					6		
PE33	Ultimate Frisbee Disc	US Games #1268942					20		
PE34	Perforated Plastic Golf Balls, Pack of 6	US Games #3199					40		
PE35	Soft-Stix Screamin' Orange Gold Balls, Pack of 6	US Games #31-080					10		
PE36	1x2 Portable Hitting Mat	US Games #1393595					40		

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<b>Equipment Section E-7: PE</b>									
PE37	DOM Supersafe Floor Hockey Sets, 36"L	Gopher #10-367					4		
PE38	Gopher PowerPlay Foam Floor Hockey Balls	Gopher #14-120					7		
PE39	Floorball StickSet with Balls & Bag - Campus 34 High School/Adult	Amazon Brand: Generic					4		
PE40	Mylec Floor Hockey Goalie Leg Pads, Junior	Gopher #53-386					3		
PE41	Mylec Floor Hockey Goalie Leg Pads, Senior	Gopher #53-387					1		
PE42	Onix Picklball Portable Net - 22'L	US Games #1454847					12		
PE43	Pickle Ball Dillar Paddle & Ball Pack, 4 Paddles / 4 Balls	US Games #1450227					7		
PE44	Franklin X-40 Outdoor Pickkleballs, 12 Pack	US Games #1460806					4		
PE45	Shield Saucer Slam Flying Disc Game Set	US Games #1367801					10		
PE46	Baggo Beanbag Game	Gopher #41-884					10		
PE47	Spikeball Set	Gopher #58-196					10		
PE48	Bocce Sets, Professional Set	Gopher #58-696					6		
PE49	Stiga STS 385 Table Tennis Table	Gopher #08-409					8		
PE50	Rainbow RallyPoint Table Tennis Paddles, Set of 6	Gopher #16-860					6		
PE51	Stiga 3 Star Table Tennis Balls, Orange, Pack of 144	Gopher #16-978					10		
PE52	Rainbow Mighty Mesh Bags, Set of 6	Gopher #89-765					2		
PE53	Rainbow VersaBag Duffels, Set of 6	Gopher #89-993					4		
PE54	Plastic Cones, Red, 12"H	Gopher #85-870					24		



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<b>Equipment Section E-7: PE</b>									
PE55	Numbered Vinyl Cones	Gopher #93-130					1		
PE56	ProTuff Half-Cones Storage Caddy	Gopher #93-001					2		
PE57	ProTuff Stay-N-Play Half-Cones, Rainbow, Set of 6	Gopher #93-015					15		
PE58	Fun Gripper Footballs, Standard	Gopher #41-642					10		
PE59	Rawlings Edge Composite Footballs, Standard	Gopher #62-591					20		
<del>PE60</del>	<del>Rawlings Edge Composite Footballs, Standard</del>	<del>Gopher #62-591</del>					<del>10</del>		
PE61	Gopher Comp Rainbow 1000 Plus Composite Volleyballs, Set of 6	Gopher #60-710					3		
PE62	BalanceFrom All Purpose 1/2-Inch Extra Thick High Density Anti-Tear Exercise Yoga Mat and Knee Pad with Carrying Strap and Optional Yoga Blocks, Multiple Colors, Yoga Mat with Knee Pad, Black	Amazon Brand: Balance From					60		
PE63	Adjustable Ankle Weights 1-3/4/5/6/8/10/12/15/20 LBS Pair with Removable Weight for Jogging, Gymnastics, Aerobics, Physical Therapy, Confirm Size- 5 lbs Black	Amazon: Fragraim Store					25		
PE64	Rainbow ElevAir Parachutes, 24' dia, 20 Handles	Gopher #83-894					1		
PE65	ClassicPlay Beach Balls, Assortment Pack	Gopher #72-245					2		
PE66	Classroom Bowling Set, White, Set of 24	School Specialty #2123742					4		
PE67	FlagHouse 27 Adult Over-Sized Tennis Racquet Super Set	School Specialty #2125204					1		
PE68	Quick Start 36 Tennis Balls with Bucket, Set of 60	School Specialty #2125204					1		
PE69	Bucket Toss Game	School Specialty #2121021					2		
PE70	FlagHouse Numbered Spots, 1-30, Set of 30	School Specialty #2120033					3		
PE71	Pool Mate Premium Extra-Large Swimming Pool Noodles, Colors May Vary 21-Pack	Amazon: Pool Mate Store					1		

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<b>Equipment Section E-7: PE</b>									
PE72	FLYIO 12-Pack Soft Fleece Balls Large 4-inch Dodgeball Playground Balls, Rainbow Pack Size for Dodge Ball, Handball, Camps and Schools Blue,Green,Orange,Purple,Red	Amazon Brand: FLYIO					4		
PE73	Champion Sports Rhino Skin Basic Dodgeball Set With Mesh Storage Bag, 6" Set of 6	Amazon: Champion Sports Store					6		
PE74	Rainbow FitDotz Locomotor Spots	Gopher #64-015					1		
PE75	Rainbow TopSpot Vinyl Spot Sets, 5" dia	Gopher #93-022					8		
PE76	Beginner's Basketball Portable Hoop	Lakeshore #VE4					2		
PE77	SecuriTee Twist and Lock Batting Tee	Gopher #42-177					1		
PE78	Rainbow Phenom Bats, Individual, Big	Gopher #42-049					1		
PE79	Rainbow Phenom Bats, Individual, Standard	Gopher #42-048					1		
PE80	UltraSoft Jr Floor Hockey Sets, 20-Player	Gopher #17-962					1		
PE81	TumblePro 2" Urethane-Foam Custom Color Tumbling Mats, 4'Wx10'L, Green and Medium Blue, No Fastener	Gopher #85-001					2		
PE82	Guardian Vinyl-Coated Dumbbell Sets, Complete Set	Gopher #73-866					1		
PE83	Megaboom 3, Black	Ultimate Ears					12		
<b>TOTAL Product</b> Delivery & Installation							<u>INCLUDE IN UNIT PRICE</u>		

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Equipment Section E-10: Earth & Science									
ES01	TI-30XIIS Scientific Calculator, Teacher Kit, Pack of 10	Amazon - Texas Instruments					20		
ES02	Compass, Magnetic, Field	Flinn Scientific #FB0601					20		
ES03	Scotch TL901X Thermal Laminating Machine, Gray, 9"	Amazon - Scotch					1		
ES04	Small Plastic Organizing Containers with Lids, Stackable and Nestable, 5 qt, Pack of 20	Amazon - Iris					2		
ES05	Medium Plastic Organizing Containers with Lids, Clear, 17.5 qt, Pack of 12	Amazon - Iris					2		
ES06	Large Plastic Organizing Containers with Lids, Clear Stackable and Nestable, 58 qt, Pack of 6	Amazon - Iris					1		
ES07	Plastic Ruler, 12 Inch Standard, Clear, Pack of 50	Amazon - EBOOT					1		
ES08	3 Step Ladder, Folding Step Stool, 500 lbs. capacity, Steel, Black	Amazon - HBTower					2		
ES09	Dry Erase Student Whiteboards, 9"x12", Pack of 25	Amazon - GSM Brands					1		
ES10	Mini Dry Erase Erasers, Magnetic, Multi-Color, Pack of 48	Amazon - IHPUKIDI					1		
ES11	Barometer, Metric	Flinn Scientific #AP5070					1		
ES12	Beaker, Glass, 50 mL	Flinn Scientific #GP1005					24		
ES13	Beaker, Glass, 100 mL	Flinn Scientific #GP1010					24		
ES14	Beaker, Glass, 400 mL	Flinn Scientific #GPGP1025					18		
ES15	Beaker, Glass, 600 mL	Flinn Scientific #GP1030					24		
ES16	Beaker, Glass, 1000 mL	Flinn Scientific #GP1040					8		
ES17	Brush Tube Cleaning Set, Pack of 8, Blue	Amazon - Holikme					8		
ES18	Electric Tea Kettle, Stainless Steel Inner Lid & Filter, 1.7L/1500W, BPA Free, Black	Amazon - COSORI					2		

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Equipment Section E-10: Earth & Science									
ES19	Flinn Scientific Electronic Balance, 510 x .1-g	Flinn Scientific #OB2139					1		
ES20	Funnels, Utility, Polypropylene, 65 mm	Flinn Scientific #AP9152					4		
ES21	Cylinder, Borosilicate Glass, Economy Choice, 25 mL	Flinn Scientific #GP2052					24		
ES22	Cylinder, Borosilicate Glass, Economy Choice, 50 mL	Flinn Scientific #GP2054					24		
ES23	Cylinder, Borosilicate Glass, Economy Choice, 100 mL	Flinn Scientific #GP2056					24		
ES24	Cylinder, Borosilicate Glass, Economy Choice, 500 mL	Flinn Scientific #GP2060					6		
ES25	Cylinder, Borosilicate Glass, Economy Choice, 1000 mL	Flinn Scientific #GP9088					6		
ES26	Infrared Lamp and Reflector	Flinn Scientific #AP5372					4		
ES27	DLAB Classic Magnetic Stirrer/Hot Plate	Flinn Scientific #AP9748					8		
ES28	Advanced Superior Compound Microscope, 4X, 10X, 40X	Flinn Scientific #MS1126					1		
ES29	Overflow Can, 470 mL	Flinn Scientific #AP4627					8		
ES30	Clear Acrylic Tubes, OD 1 3/4 x 6' x 1 1/2 ID Clear 1/8 wall, 120cm L	Tap Plastics					1		
ES31	Ring Support, with Rod Clamp, 3"	Flinn Scientific #AP1320					24		
ES32	Rubber Stoppers, 1 lb, Size #6, Black, One-Hole	Flinn Scientific #AP2306					1		
ES33	Hydrogen Gas Spectrum Tube	Flinn Scientific #AP1334					3		
ES34	Helium Gas Spectrum Tube	Flinn Scientific #AP1333					3		
ES35	Spectroscope	Flinn Scientific #AP8696					15		
ES36	Spectrum Tube Power Supply	Flinn Scientific #AP1327					3		
ES37	Drying Rack, Vinyl-Coated	Flinn Scientific #AP1064					3		

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Equipment Section E-10: Earth & Science									
ES38	Flinn Digital Pocket Thermometer, Economy Choice	Flinn Scientific #AP6049					15		
ES39	Lab Tool Kit, Classroom Set	Flinn Scientific #AP7151					2		
ES40	Fire-Containment Waste Can, 6-gal.	Flinn Scientific #SE3051					1		
ES41	Lab Apron, Rubberized, Medium-Duty, 27"W x 36"L	Flinn Scientific #AP7125					12		
ES42	Lab Apron, Rubberized, Medium-Duty, 36"W x 46"L	Flinn Scientific #AP7127					12		
ES43	Safety Goggles, Clear	Sargent Welch #470332-656					30		
ES44	Dust Pan Broom Set	Amazon WDDBHSKN					1		
ES45	Heat Resistant Autoclave Gloves	Flinn Scientific #AP8876					10		
ES46	Bell Jar	Pasco SE-7725					4		
ES47	Acrylic Vacuum Chamber, 2-gal.	Amazon - YHAspace					2		
ES48	Metal Density Cube Set	Flinn Scientific #AP6489					8		
ES49	Flinn C-Spectra, 6"x12" Sheet	Flinn Scientific #AP1714					1		
ES50	Magnetic Levitation Floating Globe with LED Lights	Amazon - DCAUT					5		
ES51	FLIR One Pro LT Thermal Camera, Android	FLIR					1		
ES52	LED Array	Flinn Scientific #AP10229					1		
ES53	Magneto-chromic and Monochromic Magnetic Flux Viewing Film	Amazon - CMS Magnetics					10		
ES54	Photoelectric Effect Demonstration Kit	Flinn Scientific #AP9582					1		
ES55	UV Flashlight Black Light, 51 LED 395 nM	Amazon ESCO LITE					10		

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Equipment Section E-10: Earth & Science									
ES56	VacuMaster Economy Vacuum Pump, 2-Stage, 5 CFM, Red	Amazon - Robinair					1		
ES57	Stainless Steel Precision Steel Balls, 1-8mm Assortment Kit, 600 Pieces	Amazon - Weideer					1		
ES58	Carbon Cycle Adventure, Super Value Activity Kit	Flinn Scientific #FB2206					1		
ES59	Ultimate Cloud-Forming Apparatus	Flinn Scientific #AP5302					2		
ES60	Density Box, Demonstration Kit	Flinn Scientific #AP4784					10		
ES61	Cross-Sectional Earth Model	Carolina #612750					1		
ES62	Write-On Globe	Flinn Scientific #AP7214					15		
ES63	Eras of Life Chart	Carolina #571964					1		
ES64	Sun-Earth-Moon, NewPath Science Flip Chart Set	Flinn Scientific #AP9942					1		
ES65	Our Solar System, NewPath Science Flip Chart Set	Flinn Scientific #AP9941					1		
ES66	Earth's Climate, NewPath Science Flip Chart Set	Flinn Scientific #AP9940					1		
ES67	Earth's Atmosphere, NewPath Science Flip Chart Set	Flinn Scientific #AP9939					1		
ES68	Earth's Surface, NewPath Science Flip Chart Set	Flinn Scientific #AP9938					1		
ES69	Volcanoes, NewPath Science Flip Chart Set	Flinn Scientific #AP9937					1		
ES70	Earthquakes, NewPath Science Flip Chart Set	Flinn Scientific #AP9936					1		
ES71	Plate Tectonics, NewPath Science Flip Chart Set	Flinn Scientific #AP9935					1		
ES72	Rocks, NewPath Science Flip Chart Set	Flinn Scientific #AP9934					1		
ES73	Minerals, NewPath Science Flip Chart Set	Flinn Scientific #AP9933					1		

Bidder Name: \_\_\_\_\_

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Equipment Section E-10: Earth & Science									
ES74	Flourescent Mineral Collection, Short and Long Wave	Flinn Scientific #AP4892					3		
ES75	Galileo Thermoeter, 24"	Carolina #745509A					1		
ES76	Ward's Geologic Time Scale Charts, Set of 2	Ward's Science #470023-228					1		
ES77	The Atlantic Globe	Flinn Scientific #AP5156					1		
ES78	The Pioneer Globe	Flinn Scientific #AP5143					1		
ES79	EarthBall Inflatable Globe	Flinn Scientific #AP7683					2		
ES80	Inflatable Solar System Set	Carolina #612752					1		
ES81	Stream Table Kit	Ward's Science #470332-272					5		
ES82	Magnifier, Plastic, Dual Lens	Flinn Scientific #AB1134					20		
ES83	Map of the Universe Chart	Flinn Scientific #AP5233					1		
ES84	Mapping Earthquakes and Volcanoes, Student Activity Kit	Flinn Scientific #AP6881					1		
ES85	Lunar Meteorite Moon Rock Sample, DB-2	Meteorites For Sale					1		
ES86	Mars Rock Meteorite Sample DB-1	Meteorites For Sale					1		
ES87	Lahmada 020 Lunar Meteorite Sample 1.10g	Meteorites For Sale					1		
ES88	Iron Meteorite Sample	Meteorites For Sale					1		
ES89	Chergach H5 Meteorite 4.7g	Meteorites For Sale					1		
ES90	Microscope, Field, Illuminated	Flinn Scientific #FB0018					15		
ES91	Geoblox Oceanography Models	Ward's Science #470004-726					1		
ES92	Plate Tectonics, NewPath Science Flip Chart Set	Flinn Scientific #AP9935					2		

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Equipment Section E-10: Earth & Science									
ES93	Renewable Energy Bundle	Pasco PS-7612A					2		
ES94	Earth Science Collection, Advanced	Flinn Scientific #AP5005					1		
ES95	Convections of Liquid Tube	Flinn Scientific #AP6053					8		
ES96	Rocks and Minerals, Ground Thin, Slide Set 1	Flinn Scientific #ML1487					1		
ES97	Rocks and Minerals, Ground Thin, Slide Set V	Flinn Scientific #ML1491					1		
ES98	Scaled Earth Poster	Ward's Science #470004-868					1		
ES99	Scaled Solar System Poster	Ward's Science 47004-952					1		
ES100	Sedimentator	Flinn Scientific #AP5121					15		
ES101	Student Soil Sampler	Carolina #653250					3		
ES102	Solar Eclipses & Sun Viewing Glasses	Flinn Scientific #AP9562					100		
ES103	Solar System Chart	Flinn Scientific #AP5236					1		
ES104	Milky Way, Disc for Sega Toys Homestar Classic/Flux Planetarium	Amazon - Kweller Store					1		
ES105	Stellar Origin of the Elements	Carolina #331104					1		
ES106	Stream Table and River Demonstration Model	Flinn Scientific #AP7684					1		
ES107	Sun Chart	Flinn Scientific #AP5298					1		
ES108	T-Rex Skeleton	Flinn Scientific #AP7908					1		
ES109	StarSense Explorer DX 130AZ Newtonian Reflector	Flinn Scientific #AP10174					1		
ES110	Spacestation, 60 mm Refractor Telescope, Tasco	Flinn Scientific #AP7123					3		



SA Code	Item Description Manufacturer/Model #	Manufacturer/Model #	Bid as Spec'd? Y/N	Alternate Bid Item Description Manufacturer/Model #	Alternate Bid Finish	Lead Time	Qty.	Unit Cost	Total Cost
Equipment Section E-10: Earth & Science									
ES111	Ultraviolet Lamp, Short Wave	Flinn Scientific #AP6658					2		
ES112	Erupting Cross-Sectional Volcano Model	Carolina #612751					1		
ES113	Furniture Grade PVC Pipe, 40", 1/2" Size, White, Pack of 3	Amazon - FORMUFIT					1		
ES114	Glue Gun	Flinn Scientific #AP9011					1		
ES115	Aquarium Starter Kit, 20-gal, High, with Tank and Hood	Flinn Scientific #FB0281					1		
ES116	Aquarium Scraper/Cleaner	Flinn Scientific #FB0245					1		
ES117	Aquarium Breeding and Isolation Tank	Flinn Scientific #FB1943					1		
ES118	Automatic Fish Feeder	Flinn Scientific #FB0239					1		
ES119	Cell Phone Holder Storage, 2-Tier, with Stickers, 30 Slots	Amazon - Ozzptuu					2		
ES120	10 ft Extension Cord, Surge Protector Power Strip, 6 Outlets	Amazon - Beshon					1		
ES121	45 W USB-C Type C Chromebook Charger Replacement	Walmart - Ursulan					5		
ES122	USB C Hub HDMI Adaptor, Multi Docking	Amazon - B3 BIGTHREE					4		
ES123	Stratigraphic Fossil Collection, Advanced	Flinn Scientific #AP6405					2		
ES124	Star Projector, Homestar Flux	Segatoys					1		
TOTAL Product Delivery & Installation							<u>INCLUDE IN UNIT PRICE</u>		
Vendors to include and provide installation for wall mounted items									

SA Code	Item Description Manufacturer/Model #	Manufacturer/Model #	Bid as Spec'd? Y/N	Alternate Bid Item Description Manufacturer/Model #	Alternate Bid Finish	Lead Time	Qty.	Unit Cost	Total Cost
Equipment Section E-11: Chemistry									
CH01	Safety Goggles, Clear	Sargent Welch 470332-656					150		
CH02	Periodic Table of Elements Chart, Large	Carolina #579620					5		
CH03	Drying Rack, Vinyl-Coated	Flinn Scientific #AP1064					25		
CH04	Small Plastic Organizing Containers with Lids, Stackable and Nestable, 5 qt, Pack of 20	Amazon - Iris					10		
CH05	Medium Plastic Organizing Containers with Lids, Clear, 17.5 qt, Pack of 12	Amazon - Iris					10		
CH06	Large Plastic Organizing Containers with Lids, Clear Stackable and Nestable, 58 qt, Pack of 6	Amazon - Iris					5		
CH07	3 Step Ladder, Folding Step Stool, 500 lbs. capacity, Steel, Black	Amazon - HBTower					5		
CH08	Brush Tube Cleaning Set, Pack of 8, Blue	Amazon - Holikme					10		
CH09	Dust Pan Broom Set	Amazon WDDBHSKN					5		
CH10	Fire-Containment Waste Can, 6-gal.	Flinn Scientific #SE3051					5		
CH11	Scotch TL901X Thermal Laminating Machine, Gray, 9"	Amazon - Scotch					1		
CH12	Beaker, Glass, 10 mL	Flinn Scientific #GP1000					40		
CH13	Beaker, Glass, 50 mL	Flinn Scientific #GP1005					120		
CH14	Beaker, Glass, 100 mL	Flinn Scientific #GP1010					120		
CH15	Beaker, Glass, 250 mL	Flinn Scientific #GP1020					120		
CH16	Beaker, Glass, 400 mL	Flinn Scientific #GPGP1025					90		
CH16	Beaker, Glass, 600 mL	Flinn Scientific #GP1030					120		
CH17	Beaker, Glass, 1000 mL	Flinn Scientific #GP1040					40		

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Equipment Section E-11: Chemistry									
CH18	Beaker, Glass, 2000 mL	Flinn Scientific #GP1045					10		
CH19	Beaker, Glass, 4000 mL	Flinn Scientific #GP1057					10		
CH20	Cylinder, Borosilicate Glass, Economy Choice, 10 mL	Flinn Scientific #GP2050					120		
CH21	Cylinder, Borosilicate Glass, Economy Choice, 25 mL	Flinn Scientific #GP2052					120		
CH22	Cylinder, Borosilicate Glass, Economy Choice, 50 mL	Flinn Scientific #GP2054					120		
CH23	Cylinder, Borosilicate Glass, Economy Choice, 100 mL	Flinn Scientific #GP2056					120		
CH24	Cylinder, Borosilicate Glass, Economy Choice, 500 mL	Flinn Scientific #GP2060					30		
CH25	Cylinder, Borosilicate Glass, Economy Choice, 1000 mL	Flinn Scientific #GP9088					30		
CH26	Graduated Cylinder with Handle, 10 mL	Flinn Scientific #AP8130					120		
CH27	Graduated Cylinder with Handle, 25 mL	Flinn Scientific #AP8132					120		
CH28	Graduated Cylinder with Handle, 50 mL	Flinn Scientific #AP8134					120		
CH29	Graduated Cylinder with Handle, 100 mL	Flinn Scientific #AP8136					30		
CH30	Graduated Cylinder with Handle, 250 mL	Flinn Scientific #AP8138					30		
CH31	Eudiometer Tube, 50 mL	Flinn Scientific #GP9167					20		
CH32	Eudiometer Tube, 100 mL	Flinn Scientific #GP2095					20		
CH33	Pyrex Vista Class A Volumetric Flask with Glass Standard Taper Stopper, 100 mL	Flinn Scientific #GP9250					60		
CH34	Pyrex Vista Class A Volumetric Flask with Glass Standard Taper Stopper, 250 mL	Flinn Scientific #GP9252					25		
CH35	Pyrex Vista Class A Volumetric Flask with Glass Standard Taper Stopper, 500 mL	Flinn Scientific #GP9253					25		

Bidder Name: \_\_\_\_\_

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Equipment Section E-11: Chemistry									
CH36	Pyrex Vista Class A Volumetric Flask with Glass Standard Taper Stopper, 1000 mL	Flinn Scientific #GP9254					10		
CH37	Battery Jar, Flint Glass, Round, 9" x 12",	Flinn Scientific #AP4337					2		
CH38	Battery Jar, Flint Glass, Round, 4 1/2" x 6 1/4"	Flinn Scientific #GP9086					12		
CH39	Battery Jar, Flint Glass, Round, 6" x 7 3/4"	Flinn Scientific #GP9087					12		
CH40	Flask, Erlenmeyer, Borosilicate Glass, 10 mL	Flinn Scientific #GP9166					60		
CH41	Flask, Erlenmeyer, Borosilicate Glass, 25 mL	Flinn Scientific #GP9156					60		
CH42	Flask, Erlenmeyer, Borosilicate Glass, 50 mL	Flinn Scientific #GP3021					60		
CH43	Flask, Erlenmeyer, Borosilicate Glass, 125 mL	Flinn Scientific #GP3040					120		
CH44	Flask, Erlenmeyer, Borosilicate Glass, 250 mL	Flinn Scientific #GP3045					120		
CH45	Flask, Erlenmeyer, Borosilicate Glass, 500 mL	Flinn Scientific #GP3050					20		
CH46	Flask, Erlenmeyer, Borosilicate Glass, 1000 mL	Flinn Scientific #GP3055					20		
CH47	Hot Plate, 7"x7"	Flinn Scientific #AP9802					40		
CH48	Hot Plate/Magnetic Stirrer, 7"x7"	Flinn Scientific #AP9805					20		
CH49	Magnetic Stirring Bar, 2" x 5/16"	Flinn Scientific #AP1090					50		
CH50	Magnetic Stirring Bar, 1" x 5/16"	Flinn Scientific #AP1088					50		
CH51	Electronic Balance, 300 x 0.1-g	Flinn Scientific #OB2138					25		
CH52	Electronic Balance, 210 x 0.01-g	Flinn Scientific #OB2141					25		
CH53	Ohaus Scout SKX Electronic Balance, 420-g x 0.01-g	Flinn Scientific #OB2083					40		

Bidder Name: \_\_\_\_\_

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Equipment Section E-11: Chemistry									
CH54	Conductivity Meter	Flinn Scientific #AP1493					75		
CH55	Tirrill Burner, Natural Gas	Flinn Scientific #AP1019					60		
CH56	Bunsen Burner Tubing, Neoprene, 3' L	Carolina #706775					80		
CH57	Buret Chemistry, Flint Glass, with PTFE Stopcock, 50 mL	Flinn Scientific #GP1087					60		
CH58	Buret Support Stand	Flinn Scientific #AP1347					60		
CH59	Funnel, Polypropylene, 65 mm	Flinn Scientific #AP9152					120		
CH60	Funnel, Polyethylene, 3 1/2"	Flinn Scientific #AP3201					80		
CH61	Funnel, Buret Filling	Flinn Scientific #AP1876					120		
CH62	Funnel, Short Stem, Fluted, Borosilicate Glass, 65 mm	Flinn Scientific #GP5045					60		
CH63	Separatory Funnel, Borosilicate Glass, 250 mL	Flinn Scientific #GP5060					12		
CH64	Rubber Stoppers, Assorted, Sizes 1 to 6	Flinn Scientific #AP2320					10		
CH65	Bottles, Washing, Polyethylene, 250 mL	Flinn Scientific #AP8108					70		
CH66	Wash Bottle, DI Water, Safety Labeled, Wide Mouth, 500 mL	Flinn Scientific #AP5343					10		
CH67	Ring Support, with Rod Clamp, 3"	Flinn Scientific #AP1320					120		
CH68	Organic Chemistry Glassware Clips, Pack of 10, Joint Sizes 19/22 and 19/38	Flinn Scientific #AP7458					15		
CH69	Lab Tool Kit, Classroom Set	Flinn Scientific #AP7151					2		
CH70	Hot Vessel Gripping Device for Hands	Flinn Scientific #SE039					75		
CH71	Digital Pocket Thermometer, Economy Choice	Flinn Scientific #AP6049					75		

Bidder Name: \_\_\_\_\_

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Equipment Section E-11: Chemistry									
CH72	Serological Pipet, 10 mL	Flinn Scientific #GP7059					60		
CH73	Serological Pipet, 2 mL	Flinn Scientific #GP7057					60		
CH74	Pipet Filler, Fast Release, 10 mL, Green	Flinn Scientific #AP1307					60		
CH75	Pipet Filler, Fast Release, 2 mL, Blue	Flinn Scientific #AP1306					60		
CH76	Tote Tray, 13" x 10 1/2" x 4 1/2"	Flinn Scientific #AB1089					50		
CH77	Evaporating Dish, Porcelain, 35 mL	Flinn Scientific #AP1271					75		
CH78	Evaporating Dish, Porcelain, 80 mL	Flinn Scientific #AP1273					75		
CH79	Test Tube Drying Rack, Polyethylene, 2 Tier	Flinn Scientific #AP5381					40		
CH80	Test Tube Drying Rack, Vinyl-Coated	Flinn Scientific #AP1064					10		
CH81	pH Sensor	Flinn Scientific #TC1503					60		
CH82	Go Direct SpectroVis Plus Spectrophotometer	Flinn Scientific #TC1606					30		
CH83	Distilled Water Maker, 1-gal, White with Plastic Outer Shell	Amazon - CO-Z					1		
CH84	Organic Distillation Set	Flinn Scientific AP6351					12		
CH85	Lab Apron, Rubberized, Medium-Duty, 27"W x 36"L	Flinn Scientific #AP7125					150		
CH86	Glass Vials with Screw Caps, 20 mL	Sargent Welch #470146-668					600		
CH87	Dropper Bottle, Polyethylene, Scream-on Cap, 30 mL	Flinn Scientific #AP4575					1500		
CH88	Watch Glass, 100 mm, Borosilicate Glass	Flinn Scientific #GP8009					75		
CH89	Bottle, Boston Round, PVC-Coated, 240 mL	Flinn Scientific #AP8441					100		

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Equipment Section E-11: Chemistry									
CH90	Bottle, Narrow Mouth, Polypropylene, with Cap, 125 mL	Flinn Scientific #AP8433					125		
CH91	Bottle, Narrow Mouth, Polypropylene, with Cap, 500 mL	Flinn Scientific #AP8435					125		
CH92	Bottle, Narrow Mouth, Polypropylene, with Cap, 250 mL	Flinn Scientific #AP8434					125		
CH93	Metal Density Cube Set, Economy Choice	Flinn Scientific #AP6489					50		
CH94	Specific Gravity Metal Specimen Set	Flinn Scientific #AP9234					50		
CH95	Spectroscope	Flinn Scientific #AP8696					150		
CH96	Neon Gas Spectrum Tube	Flinn Scientific #AP1338					20		
CH97	Hydrogen Gas Spectrum Tube	Flinn Scientific #AP1334					20		
CH98	Helium Gas Spectrum Tube	Flinn Scientific #AP1333					20		
CH99	Argon Spectrum Tube	Flinn Scientific #AP1329					20		
CH100	Spectrum Tube Power Supply	Flinn Scientific #AP1327					20		
CH101	Vials with Snap-on Cap, 25 mL, Pack of 12	Flinn Scientific #AP4663					5		
CH102	Mortar and Pestle Set, Porcelain, Economy Choice, 65 mL	Flinn Scientific #AP6066					60		
CH103	Mortar and Pestle, Glass, 4 oz	Flinn Scientific #AP1054					25		
CH104	Spot Plate, Porcelain, 12-well, Economy Choice	Flinn Scientific #AP6064					75		
CH105	Spot Plate, Polystyrene, 15-well, Pack of 10	Flinn Scientific #AP6404					2		
CH106	Inorganic Individual Student Model Set, Pack of 6	Flinn Scientific #AP6249					2		
CH107	Test Tubes with Rims, Borosilicate Glass, 25 x 150 mm, 55 mL	Flinn Scientific #GP6035					100		

Bidder Name: \_\_\_\_\_

SA Code	Item Description Manufacturer/Model #	Manufacturer/Model #	Bid as Spec'd? Y/N	Alternate Bid Item Description Manufacturer/Model #	Alternate Bid Finish	Lead Time	Qty.	Unit Cost	Total Cost
Equipment Section E-11: Chemistry									
CH108	Corks, Assorted, Sizes 3-16	Flinn Scientific #AP8320					10		
CH109	TI-30XIIS Scientific Calculator, Teacher Kit, Pack of 10	Amazon - Texas Instruments					30		
CH110	Lighter Striker	Flinn Scientific #AP8346					25		
CH111	Bottles, Jars, Polypropylene, 60 mL	Flinn Scientific #AP4790					500		
CH112	Bottles, Jars, Polypropylene, 120 mL	Flinn Scientific #AP4791					500		
CH113	Sample Container, 4 oz	Flinn Scientific #AB1128					120		
CH114	Sample Container, 8 oz	Flinn Scientific #AB1129					120		
CH115	Lab Solutions Station	Flinn Scientific #AP6670					10		
CH116	Bottle, French Square, 30 mL	Flinn Scientific #AP8449					120		
CH117	Short Glass Vials with Screw Cap, Pack of 24	Sargent Welch #470202-766					1		
CH118	Meter Stick, Hardwood, English/Metric, 1 Meter, Brass Ends	Flinn Scientific #AP5384					30		
CH119	Dry Erase Student Whiteboards, 9"x12", Pack of 25	Amazon - GSM Brands					5		
CH120	Mini Dry Erase Erasers, Magnetic, Multi-Color, Pack of 48	Amazon - IHPUKIDI					3		
CH121	Stainless Steel Lab Scoop without Handle	Flinn Scientific #AP8338					40		
CH122	Tool Kit, 5-Piece	Flinn Scientific #AP5901					4		
CH123	USB C Hub HDMI Adapter, Multi Docking, Space Grey	Amazon - B3 BIGTHREE					16		
CH124	45 W USB-C Type C Chromebook Charger Replacement	Walmart - Ursulan					20		
CH125	Cell Phone Holder Storage, 2-Tier, with Stickers, 30 Slots	Amazon - Ozzptuu					5		



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Equipment Section E-11: Chemistry									
CH126	Test Tubes with Rims, Borosilicate Glass, 15 x 125 mm, 14 MI	Flinn Scientific #GP6015 Pack of 200					200		
CH127	Test Tube Rack, Wood, 6-Tube, 25 mm Hole Size	Flinn Scientific #AP8565					75		
CH128	Wire Test Tube Rack, No Coating, 19 mm Tubes, 40 Places	Flinn Scientific #AP1314					75		
CH129	Glue Gun	Flinn Scientific #AP9011					5		
CH130	Crucible, Porcelain, High Form with Cover, 15 mL	Flinn Scientific #AP7699					24		
CH131	Triangles, Pipe Stem, 2 1/2"	Flinn Scientific #AP8332					75		
CH132	Wire Gauze Squares, Steel with Ceramic Center, 4" x 4"	Flinn Scientific #AP1188					75		
CH133	Support Stand, Economy Choice	Flinn Scientific #AP4550					75		
CH134	Single Buret Clamp, Plain Jaw	Flinn Scientific #AP8354					75		
CH134	Single Buret Clamp, Plastic-Coated Jaw	Flinn Scientific #AP1034					75		
CH136	Beaker Tops with Protective Sleeves	Flinn Scientific #AP1113					75		
CH137	Double Buret Clamp, Economy Choice	Flinn Scientific #AP8210					60		
CH138	Spirit-Filled Thermometer, -20 to 150 Degrees C	Flinn Scientific #AP1111					70		
CH139	Barometer, Metric	Flinn Scientific #AP5070					10		
CH140	Syringe, without Needle, 12 mL	Flinn Scientific #AP1730					60		
CH141	Boyle's Law in a Bottle, Super Value Laboratory Kit	Flinn Scientific #AP6855					5		
TOTAL Product Delivery & Installation							<u>INCLUDE IN UNIT PRICE</u>		
Vendors to include and provide installation for wall mounted items									

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Equipment Section E-12: Physics									
PH01	Small Plastic Organizing Containers with Lids, Stackable and Nestable, 5 qt, Pack of 20	Amazon - Iris					15		
PH02	Medium Plastic Organizing Containers with Lids, Clear, 17.5 qt, Pack of 12	Amazon - Iris					15		
PH03	Large Plastic Organizing Containers with Lids, Clear Stackable and Nestable, 58 qt, Pack of 6	Amazon - Iris					5		
PH04	3 Step Ladder, Folding Step Stool, 500 lbs. capacity, Steel, Black	Amazon - HBTower					5		
PH05	Dust Pan Broom Set	Amazon WDDBHSKN					5		
PH06	Fire-Containment Waste Can, 6-gal.	Flinn Scientific #SE3051					5		
PH07	Scotch TL901X Thermal Laminating Machine, Gray, 9"	Amazon - Scotch					3		
PH08	Laboratory Stands Support, Metalware Set	Amazon - HYDDNice					5		
PH09	High Precision Lab Scale Laboratory Analytical Digital Balance, 110V Calibrated (5000g, 0.01g)	Amazon - CGOLDENWALL					25		
PH10	Stopwatch Timer Bright Colored Set of 6, Waterproof, Digital	Amazon - Champion Sports					50		
PH11	Glue Gun, Hot Glue Guns, with 10 Glue Sticks	Amazon - Mr. Pen					30		
PH12	Graduated Cylinder, 50 mL, Pack of 12	PASCO SE-7289					25		
PH13	Premium Bungee Cords Assortment, 30 Piece	Amazon - HORUSDY					5		
PH14	Multi-Clamp	PASCO ME-9507					24		
PH15	Happy Unhappy Balls	Arbor Scientific #PG-1000					6		
PH16	Brute Heavy-Duty Round Bucket, Gray, 2.5-gal	Amazon - Rubbermaid					10		
PH17	Ohaus Triple-Beam Balance, Without Tare	PASCO SE-8723					25		
PH18	Tool Set with Plastic Toolbox Storage Case, Orange, 39 Pieces	Amazon - CARTMAN					5		

Bidder Name: \_\_\_\_\_

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Equipment Section E-12: Physics									
PH19	Hooked Mass Set	PASCO SE-8759					50		
PH20	Safety Glasses, Wrap Around Eyewear, Polycarbonate ANSI Z87.1 Impact Resistant Lens, Multi-Color, Pack of 12	Amazon - Bison Life					10		
PH21	TI-30XIIS Scientific Calculator, Teacher Kit, Pack of 10	Amazon - Texas Instruments					10		
PH22	Density Set	PASCO - ME-8569A					15		
PH23	20 Pieces M8 304 Stainless Steel Flat Plain Washer Spacer, Silver, Pack of 20	Amazon - Uxcell A15111200UX1748					10		
PH24	Fire Syringe	Arbor Scientific #P1-2020					2		
PH25	Marbles, 50 Pieces, 2 Multicolored	Amazon - POPLAY					2		
PH26	PVC Pipe, 1/2" x 40"L, Pack of 10	Amazon - letsFix					1		
PH27	Basic PAScar PAstrack System	PASCO ME-5701					15		
PH28	Basic Smart Cart Metal Track 1.2m System	PASCO ME-5708A					30		
PH29	Cart Mass, Set of 2	PASCO ME-6757A					45		
PH30	Super Pulley Kit	PASCO ME-9433					30		
PH31	Dynamics Track End Stop, Pair	PASCO ME-8971					15		
PH32	Smart Car Charging Garage	PASCO ME-1243					10		
PH33	Smart Ballistic Cart Accessory	PASCO ME-1245					2		
PH34	Constant Velocity Car	PASCO SE-8028A					6		
PH35	Hovercraft	PASCO ME-9838					1		
PH36	Cordless Air Source	PASCO SE-8806					1		

Bidder Name: \_\_\_\_\_

SA Code	Item Description Manufacturer/Model #	Manufacturer/Model #	Bid as Spec'd? Y/N	Alternate Bid Item Description Manufacturer/Model #	Alternate Bid Finish	Lead Time	Qty.	Unit Cost	Total Cost
Equipment Section E-12: Physics									
PH37	Drop-Shoot Demo	PASCO SE-7592					6		
PH38	Atwood's Machine	PASCO SA-9241					6		
PH39	Equal Length Spring Set	PASCO ME-8970					6		
PH40	Wireless Smart Gate Dynamics System	PASCO PS-3703					15		
PH41	Measuring Tape, 30 m	PASCO SE-8712A					6		
PH42	SPARK LXi2 Datalogger	PASCO PS-3600B					18		
PH43	PAstrack Inclined Plane	PASCO ME-6967					15		
PH44	Wireless Motion Sensor	PASCO PS-3219					25		
PH45	Wireless Force Platform	PASCO PS-3229					5		
PH46	Wireless 2-Axis Force Platform	PASCO PS-3230					1		
PH47	Dynamics Track Spring Set	PASCO ME-8999					5		
PH48	Stainless Steel G100 Precision Balls, 25mm, 10 Pieces	Amazon - uxcell					10		
PH49	Complete Sports Ball Set, Basketball	Amazon - Easy Play Sports and Outdoors					1		
PH50	Complete Sports Ball Set, Playground Balls	Amazon - Easy Play Sports and Outdoors					1		
PH51	Complete Sports Ball Set, Soccer	Amazon - Easy Play Sports and Outdoors					1		
PH52	Complete Sports Ball Set, Volleyball	Amazon - Easy Play Sports and Outdoors					1		
PH53	Magnetic Levitation Floating Globe with LED Lights	Amazon - DCAUT					5		
PH54	Mass and Hanger Set	PASCO ME-8979					5		

Bidder Name: \_\_\_\_\_

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Equipment Section E-12: Physics									
PH55	Pendulum Clamp	PASCO ME-9506					6		
PH56	Hooke's Law Set	PASCO ME-9827					30		
PH57	Holographic Newtons Cradle, Perpetual Motion Device	Amazon - Faxdella					5		
PH58	Easy Grip Workout Dumbbells, Rack with 3 Pairs, 3lb, 5lb, 8lb	Amazon Basics					5		
PH59	GSC Projectile Launcher for Plastic Marbles	Fisher Scientific GSC PROLCH					10		
PH60	Aluminum Dynamics Track, 2.2 m	PASCO ME-9779					12		
PH61	Van De Graaff Generator, Hand Driven and Motor Driven	Amazon - Eisco Labs					3		
PH62	Hand Held Tesla Coil	Arbor Scientific #P6-3550					3		
PH63	Electroscope	PASCO SE-7247					5		
PH64	Electrostatics Materials	PASCO SE-6658					16		
PH65	Basic Modular Circuits Kit	PASCO EM-3535					15		
PH66	E10 Bulb Holder, 10 Pieces	Amazon - Magic&shell					20		
PH67	Digital Multimeter with Case, DC AC Voltmeter	Amazon - Kaiweets					60		
PH68	Large Capacitor	Vernier Science Ed #VCB2-CAP					60		
PH69	Magnetochromic and Monochromic Magnetic Flux Viewing Film	Amazon - CMS Magnetics					100		
PH70	Alligator Test Leads, 20' L, 10 Piece Set	Electronix Express #05ALS1					60		
PH71	Banana to Alligator Test Lead Set, 1 Red, 1 Black, 3'L	Electronix Express #05ALS3					60		
PH72	RSR Test Leads, Banana to Banana Lead Set, 3'L	Electronix Express #05ALS4					20		

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Equipment Section E-12: Physics									
PH73	BK Precision BNC Breakout-to-Alligator Clips	Electronix Express #01BKCC21					20		
PH74	Optical Fiber Model	PASCO SF-7201					5		
PH75	Eisco Moving Coil EDM-80 BC Galvanometer	Fisher Scientific - Eisco PH1084A					5		
PH76	Horseshoe Magnet	PASCO SF-7225					20		
PH77	Small Strong Magnets, 6 Different Sizes, 255 Pieces	Amazon - TRYMAG					5		
PH78	Educational Alnico Bar Magnet , Pack of 2	Amazon - Toucan Craft Supplies					10		
PH79	Air Core Solenoid	PASCO SE-7585					10		
PH80	5-in-1 Wire Stripper, 8" Wire Stripper, Crimping Tool	Amazon - DURATECH					25		
PH81	Lenz's Law Demonstrator	PASCO MG-8600					2		
PH82	340 Piece Resistor Kit, Assortment of 1/2W, 1W, 2W	Electronix Express 13RKQTR1					4		
PH83	Carbon Film Resistors 5% 2W 3 OHMS	Electronix Express 130253					60		
PH84	Carbon Film Resistors 5% 2W 13 OHMS	Electronix Express 1302513					60		
PH85	Bunsen Burner, Natural Gas	Flinn Scientific #AP1017					6		
PH86	Electric Tea Kettle, Stainless Steel Inner Lid & Filter, 1.7L/1500W, BPA Free, Black	Amazon - COSORI					4		
PH87	ESB-301F Countertop Single Cast Iron Burner, 1000W	Amazon - Elite Gourmet Store					10		
PH88	Heavyweight Hot Gloves	Sargent Welch 470016-332					4		
PH89	Ball and Ring	PASCO SE-7597					5		
PH90	Labs Beaker Tongs, Rubber Coated Ends, Nickel Plated 1/4" Steel, 50 mL-2000mL Capacity	Amazon - Eisco Labs					20		

Bidder Name: \_\_\_\_\_

SA Code	Item Description Manufacturer/Model #	Manufacturer/Model #	Bid as Spec'd? Y/N	Alternate Bid Item Description Manufacturer/Model #	Alternate Bid Finish	Lead Time	Qty.	Unit Cost	Total Cost
Equipment Section E-12: Physics									
PH91	Wireless Temperature Sensor	PASCO PS-3201					12		
PH92	Wireless Temperature Sensor Link	PASCO PS-3222					30		
PH93	PASPORT Stainless Steel Temperature Probe	PASCO PS-2153					18		
PH94	PASPORT Skin/Surface Temperature Probe	PASCO PS-2131					12		
PH95	Partial Immersion Thermometer	PASCO SE-9084B					50		
PH96	Beaker, 100 mL, Pack of 12	PASCO SE-7287					3		
PH97	Beaker, Borosilicate Glass, Heavy-Duty, 250 mL, Pack of 48	Flinn Scientific #GP1047					1		
PH98	Beaker, 1000 mL, Pack of 6	PASCO SE-7288					2		
PH99	Specific Heat Set	PASCO SE-6849					2		
PH100	Thermoelectric Convertor	PASCO TD-8550A					1		
PH101	Infrared Thermometer Gun 1080	Amazon - Etekcity					2		
PH102	Hand Boiler, Glass Science Energy Transfer	Amazon - C&H Solutions					5		
PH103	Funtime The Original Drinking Bird Educational Toy	Amazon - Funtime					5		
PH104	Ice Melting Blocks	PASCO SE-7317					5		
PH105	Colliding Steel Spheres	PASCO SE-7303					5		
PH106	Calorimeter, Double Wall Electric	Arbor Scientific #93-2010					8		
PH107	Foam Calorimeter, 10 pack	Arbor Scientific #93-2020					3		
PH108	Bell Jar	PASCO SE-7725					4		

Bidder Name: \_\_\_\_\_

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Equipment Section E-12: Physics									
PH109	5 CFM Single-Stage 5 Vacuum Pump	Amazon - Zeny 3					4		
PH110	Snakey	PASCO SE-7331					15		
PH111	Longitudinal Wave Spring	PASCO WA-9401					12		
PH112	Air Cannon	PASCO SE-7370					8		
PH113	Chladni Plate	PASCO WA-9406					5		
PH114	Wave Driver	PASCO WA-9855					20		
PH115	String Vibrator	PASCO WA-9857A					10		
PH116	Sine Wave Generator	PASCO WA-9867					30		
PH117	Open Speaker	PASCO WA-9900					5		
PH118	Economy Resonance Tube	PASCO WA-9495					3		
PH119	Black Light Flashlight	Amazon - Lepro					50		
PH120	Red Laser Pointer High Power, Long Range	Amazon - Meusno					25		
PH121	Tuning Fork Set	PASCO SE-7342					10		
PH122	Right Angle Prism	PASCO SE-9022A					25		
PH123	Liquid-Filled Compasses, Packof 5	PASCO EM-8631A					50		
PH124	H5 Domino Creations, 100 Pieces, Neon	Amazon - Spin Master Games					5		
PH125	50 Pack Square Glass Mirror Tiles	Amazon - Bright Creations					1		
PH126	Pendulum Wave Desktop Decoration Model	Amazon - American Scientific Store					3		

Bidder Name: \_\_\_\_\_



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Equipment Section E-12: Physics									
PH127	Boomwhackers 32 Piece Full Spectrum Set	Amazon - Boomwhackers					1		
PH128	Ripple Tank System	PASCO WA-9899					1		
PH129	Resonance Wire Loop	PASCO SF-9405					5		
PH130	Doppler Rocket	PASCO WA-9826					5		
PH131	Reflection and Refraction	PASCO EX-9987					25		
PH132	Mirage	PASCO SE-7302					12		
PH133	Red Diode Laser Pointer	PASCO SE-9716C					5		
PH134	Laser Pointer, Green	PASCO SE-8805A					5		
PH135	Paper Cardboard Diffraction Glasses, Geometric Rainbow, Pack of 100	Amazon - GloFX					1		
PH136	UVC Lamp, Handheld, Battery Operated. 4-watt short wave UV light (UVC) is small, portable and has a wavelength of 254 nm.	Arbor Scientific P3-6550					5		
PH137	Spectroscope	Flinn Scientific #AP8696					30		
PH138	Function Generator	PASCO PI-8127					2		
PH139	Wireless Rotary Motion Sensor	PASCO PS-3220					12		
PH140	Mechanical Oscillator/Driver	PASCO ME-8750					2		
PH141	850 Universal Interface	PASCO UI-5000					2		
PH142	Matter Model	PASCO ME-9825A					12		
PH143	Complete Rotational System	PASCO ME-8950A					6		
PH144	Flying Plane	PASCO SE-6673					6		

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Equipment Section E-12: Physics									
PH145	Rotational Inertia Wands	PASCO ME-9847					12		
PH146	Eisco Bicycle Wheel Gyroscope	Ward's Science #470005-548					6		
PH147	Rotating Chair	PASCO ME-6856					6		
PH148	Discover Pi Set, Pack of 10	PASCO ME-6819A					2		
PH149	Strobe System	PASCO ME-6978					2		
PH150	Static Equilibrium	PASCO EX-5564					6		
PH151	Coupled Pendulum	PASCO EX-5563					2		
PH152	Rotational Inertia, Wireless	PASCO EX-5616					2		
PH153	FLIR One Pro, Pro Grade Thermal Camera , Android	FLIR					2		
PH154	FLIR One Pro, Pro Grade Thermal Camera , iOS	FLIR					2		
PH155	Wireless Diffraction System	PASCO OS-8440					6		
PH156	Basic Optics System	PASCO OS-8515C					6		
PH157	Green Diode Laser	PASCO OS-8458B					6		
PH158	Spectrum Tube Power Supply and Mount	PASCO SE-9460					8		
PH159	Hydrogen Spectral Tube	PASCO SE-9461					2		
PH160	Helium Spectral Tube	PASCO SE-9462					2		
PH161	Neon Spectral Tube	PASCO SE-9467					2		
PH162	Mercury Spectral Tube	PASCO SE-9466					2		

Bidder Name: \_\_\_\_\_

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Equipment Section E-12: Physics									
PH163	Krypton Spectral Tube	PASCO SE-9465					2		
PH164	Argon Spectral Tube	PASCO SE-9463					2		
PH165	Carbon Dioxide Spectral Tube	PASCO SE-9464					2		
PH166	Water Vapor Spectral Tube	PASCO SE-9468					2		
PH167	Wireless Magnetic Field Sensor	PASCO PS-3221					15		
PH168	Dissectible Leyden Jar	PASCO SE-7718					2		
PH169	Eisco Regulated AC/DC 12V Power Supply	Fisher Scientific - Eisco EPR1331					6		
PH170	FLIR Systems Extech 382200 Digital Single Output DC Power Supply, 30 Volt	Fisher Scientific FLIR 382200					6		
PH171	Green LED, Pack of 10	Arbor Scientific #PG-8120					6		
PH172	Red LED, Pack of 10	Arbor Scientific #PG-8110					6		
PH173	Blue LED, Pack of 10	Arbor Scientific #PG-8100					6		
PH174	Resistance Substitution Box	Amazon - Elenco					6		
PH175	Boyle's Law Apparatus	Ward's Science #470148-928					6		
PH176	AC/DC Electronics Laboratory	PASCO EM-8656					10		
PH177	Premium Wimshurst Generator, Up to 75,000 Volts	Amazon - Eisco					1		
PH178	Wireless Geiger Counter with Sample Holder	PASCO NU-3345					5		
PH179	USB C Hub HDMI Adaptor, Multi Docking	Amazon - B3 BIGTHREE					20		
PH180	Cell Phone Holder Storage, 2-Tier, with Stickers, 30 Slots	Amazon - Ozzptuu					4		

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Equipment Section E-12: Physics									
PH181	10 ft Extension Cord, Surge Protector Power Strip, 6 Outlets	Amazon - Beshon					10		
PH182	Motion Sensor Bracket	PASCO PS-2546					25		
PH183	Suction Cup Hooks, Small, Clear, 12 Pieces	Amazon - VIS'V					5		
PH184	Fillable Easter Eggs, Assorted Colors, Pack of 200	Amazon - Dreidel Company					1		
PH185	Vinyl Sport Ball Poppers, Pack of 24, 1.25"	ArtCreativity					2		
PH186	Eisco Pith Balls	Fisher Scientific - Eisco PH0896					5		
PH187	Assorted Bulk Natural Rabbit Pelt with Fur, Pack of 10	Amazon - Mibathni					2		
PH188	Linear Polarizer, Pack of 2	PASCO OS-8549					10		
PH189	Extra Long Plastic Coil Springs, Pack of 12, 15'L	Amazon - Bedwina					5		
PH190	Pure Zinc Anode Sheet for Zinc Plating and Electroplating, 2 Sheets, 0.04" x 1" x 6"	Amazon - IXGNIJ					3		
PH191	Pure Cooper Anode Sheet for Cooper Plating and Electroplating, 2 Sheets, 0.04" x 1" x 6"	Amazon - IXGNIJ					3		
PH192	Solderless Breadboard, 6.5" x 2.1", 70 Piece Jumper Wire Kit	Electronix Express 03MB102WWK					10		
PH193	Radioactive Sources, Set of 3	PASCO SN-8110					5		
PH194	45 W USB-C Type C Chromebook Charger Replacement	Walmart - Ursulan					25		
PH195	Wireless Sensor Charging Station	PASCO PS-3599					5		
PH196	Single Section Wave Motion Demonstrator	PASCO SE-9601					1		
PH197	Digital Storage Oscilloscope (100 MHz)	PASCO #SB-9621B					7		
TOTAL Product Delivery & Installation							<u>INCLUDE IN UNIT PRICE</u>		

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Equipment Section E-12: Physics									
Vendors to include and provide installation for wall mounted items									