

# VII. Technical Specifications

## Detailed Requirements/Specifications

LOT NO.	ITEM	SPECIFICATION	Bidder's Statement of Compliance	Bidder's Actual Offer
1	Aneroid Barometer Set (Demonstration Type)	<p>The item shall have the following specifications:</p> <ol style="list-style-type: none"> <li>1. The unit is supplied with rubber compression bulb with tube, changes in pressure can be demonstrated and obtained by compressing the rubber bulb.</li> <li>2. Dual graduation: mmHg and mbar(hPa).</li> <li>3. Range: 960 to 1060 mbar with mmHg equivalent</li> <li>4. Dial Diameter: minimum of 100 mm</li> <li>5. With English User's manual that includes the operation and reset procedure.</li> <li>6. Must be branded.</li> </ol> <p>* "Imported products should pass international quality control product standards and have international quality control product markings such as CE, ISO, ASTM, ASQC, AFCIQ, ASQ, DGQ, EOQC, IQA, and the likes, while locally made products (Philippine-made) should pass the local quality control product standards and bear the PS mark." made) should pass the local quality control product standards and bear the PS mark."</p>		
	Aneroid Barometer Set (Wall-Mount)	<p>The item shall have the following specifications:</p> <ol style="list-style-type: none"> <li>1. Range: 960 mbar to 1060 mbar</li> <li>2. Dual graduation: mmHg and mbar(hPa)</li> <li>3. Dial Diameter: 100 mm to 130 mm</li> </ol>		

		<p>4. Materials: plated bezel, scratch-free cover glass, and plastic base</p> <p>5. Shock resistant, heat resistant</p> <p>6. With English User's manual that includes the operation and reset procedure.</p> <p>7. Must be branded.</p> <p>* "Imported products should pass international quality control product standards and have international quality control product markings such as CE, ISO, ASTM, ASQC, AFCIQ, ASQ, DGQ, EOQC, IQA, and the likes, while locally made products (Philippine-made) should pass the local quality control product standards and bear the PS mark." made) should pass the local quality control product standards and bear the PS mark."</p>		
	<p>Cork Stopper # 16 with 1 hole</p>	<p>The item shall have the following specifications:</p> <ol style="list-style-type: none"> <li>1. Cork Stopper # 16 with 1 hole for 250 ml. Erlenmeyer flask</li> <li>2. H=38 mm; Top <math>\varnothing</math>=35 mm; Bottom<math>\varnothing</math>=28 mm; Hole<math>\varnothing</math>=5mm</li> <li>3. Extra Select Grade with fewer lenticels (crevices)</li> <li>4. Dimension Tolerance: <math>\pm 0.5</math>mm</li> <li>5. Used to seal flasks and other glasswares, to prevent liquids and gases to escape, and to prevent leaks, hazards, and contamination.</li> </ol> <p>* "Imported products should pass international quality control product standards and have international quality control product markings such as CE, ISO, ASTM, ASQC, AFCIQ, ASQ, DGQ, EOQC, IQA, and the likes, while locally made products (Philippine-made) should pass the local quality control product standards and bear the PS mark." made) should pass the local quality control product standards and bear the PS mark."</p>		
	<p>Cork Stopper # 16 with 2 holes</p>	<p>The item shall have the following specifications:</p> <ol style="list-style-type: none"> <li>1. Cork Stopper # 16 with 2 holes for 250 ml. Erlenmeyer flask</li> <li>2. H=38 mm; Top <math>\varnothing</math>=35 mm; Bottom<math>\varnothing</math>=28 mm; Hole<math>\varnothing</math>=5mm</li> </ol>		

		<p>3. Extra Select Grade with fewer lenticels (crevices)</p> <p>4. Dimension Tolerance: <math>\pm 0.5\text{mm}</math></p> <p>5. Used to seal flasks and other glasswares, to prevent liquids and gases to escape, and to prevent leaks, hazards, and contamination.</p> <p>* "Imported products should pass international quality control product standards and have international quality control product markings such as CE, ISO, ASTM, ASQC, AFCIQ, ASQ, DGQ, EOQC, IQA, and the likes, while locally made products (Philippine-made) should pass the local quality control product standards and bear the PS mark." made) should pass the local quality control product standards and bear the PS mark."</p>		
	Cork Stopper # 5 (for $\varnothing$ 16mm test tube)	<p>The item shall have the following specifications:</p> <p>1. Cork Stopper # 5 for test tube with 16mm diameter</p> <p>2. H=22 mm; Top <math>\varnothing</math>= 17 mm; Bottom <math>\varnothing</math>= 13 mm</p> <p>3. Dimension Tolerance: <math>\pm 0.5</math> m</p> <p>4. Extra Select Grade with fewer lenticels (crevices)</p> <p>5. Used to seal test tubes to prevent liquids and gases to escape, and to prevent leaks, hazards, and contamination.</p> <p>* "Imported products should pass international quality control product standards and have international quality control product markings such as CE, ISO, ASTM, ASQC, AFCIQ, ASQ, DGQ, EOQC, IQA, and the likes, while locally made products (Philippine-made) should pass the local quality control product standards and bear the PS mark." made) should pass the local quality control product standards and bear the PS mark."</p>		
	Dry Cell, 9 V	<p>Dry Cell 9-volt</p> <p>* "Imported products should pass international quality control product</p>		

		standards and have international quality control product markings such as CE, ISO, ASTM, ASQC, AFCIQ, ASQ, DGQ, EOQC, IQA, and the likes, while locally made products (Philippine-made) should pass the local quality control product standards and bear the PS mark." made) should pass the local quality control product standards and bear the PS mark."		
	Dry Cell. 1.5 V, size D	<p>Dry Cell 1.5-volt, size D</p> <p>* "Imported products should pass international quality control product standards and have international quality control product markings such as CE, ISO, ASTM, ASQC, AFCIQ, ASQ, DGQ, EOQC, IQA, and the likes, while locally made products (Philippine-made) should pass the local quality control product standards and bear the PS mark." made) should pass the local quality control product standards and bear the PS mark."</p>		
	Hand Lens, 10x magnification (Loupe 10x magnifier)	<p>The item shall have the following specifications:</p> <ol style="list-style-type: none"> <li>1. Enlarges in clear image of a focused tiny objects or parts in an object.</li> <li>2. Loupe 10x magnifier</li> <li>3. Glass lens/es, clear, bubble free; diameter: 20mm-25mm</li> <li>4. Focal length = 2.0cm - 2.5cm</li> <li>5. Foldable stainless steel body and cover</li> <li>6. Individually packed in plastic box.</li> <li>7. Must be branded</li> </ol> <p>Operation: Note: The magnification will be referred on its focal length. It is by placing the magnifying lens between a distant object and screen (or wall), moving either the lens or screen until a sharp focused image of the distant object is attained, and such distance between the lens and focused image is the focal length which</p>		

		<p>should not greater than 2.5 cm as already mentioned above.</p> <p>* "Imported products should pass international quality control product standards and have international quality control product markings such as CE, ISO, ASTM, ASQC, AFCIQ, ASQ, DGQ, EOQC, IQA, and the likes, while locally made products (Philippine-made) should pass the local quality control product standards and bear the PS mark." made) should pass the local quality control product standards and bear the PS mark."</p>		
	<p>Hand Lens, at least 5x magnification (Minimum Lens Diameter: 50 mm)</p>	<p>The item shall have the following specifications:</p> <ol style="list-style-type: none"> <li>1. Hand glass lens</li> <li>2. 5x magnification power (shall have a focal length not greater than 60 mm)</li> <li>3. Lens diameter: 50 mm (<math>\pm 1</math> mm)</li> <li>4. Mounted in a metal frame with handle</li> <li>5. Used to produce a magnified image of an object</li> </ol> <p>* "Imported products should pass international quality control product standards and have international quality control product markings such as CE, ISO, ASTM, ASQC, AFCIQ, ASQ, DGQ, EOQC, IQA, and the likes, while locally made products (Philippine-made) should pass the local quality control product standards and bear the PS mark." made) should pass the local quality control product standards and bear the PS mark."</p>		
	<p>Rubber Stopper # 0 (for <math>\varnothing</math> 16mm test tube)</p>	<p>The item shall have the following specifications:</p> <ol style="list-style-type: none"> <li>1. Rubber Stopper # 0 for test tube with 16mm diameter</li> <li>2. H=25 mm; Top <math>\varnothing</math>=17 mm; Bottom <math>\varnothing</math>= 13 mm</li> <li>3. Dimension tolerance on height, top and bottom diameter: <math>\pm 0.5</math>mm</li> <li>4. Hardness: 55-65 Duro</li> <li>5. Used to seal test tubes to prevent liquids and gases to escape, and to prevent leaks, hazards, and contamination</li> </ol>		

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Rubber Stopper # 6 with 1 hole	<p>The item shall have the following specifications:</p> <ol style="list-style-type: none"> <li>1. Rubber stopper # 6 with one hole for Erlenmeyer flask</li> <li>2. H=25mm; Top Ø= 32mm; Bottom Ø= 26mm; Hole Ø: 5mm</li> <li>3. Hardness: 55-65 Duro</li> <li>4. Dimension tolerance on height, top and bottom diameter: ± 0.5mm</li> <li>5. Used to seal flasks and other glasswares, to prevent liquids and gases to escape, and to prevent leaks, hazards, and contamination.</li> </ol> <p>* "Imported products should pass international quality control product standards and have international quality control product markings such as CE, ISO, ASTM, ASQC, AFCIQ, ASQ, DGQ, EOQC, IQA, and the likes, while locally made products (Philippine-made) should pass the local quality control product standards and bear the PS mark." made) should pass the local quality control product standards and bear the PS mark."</p>			
Rubber Stopper # 6 with 2 holes	<p>The item shall have the following specifications:</p> <ol style="list-style-type: none"> <li>1. Rubber stopper # 6 with 2 holes for 250ml Erlenmeyer flask</li> <li>2. H=25 mm; Top Ø= 32 mm; Bottom Ø= 26 mm; Hole Ø: 5 mm</li> <li>3. Dimension tolerance on height, top and bottom diameter: ± 0.5mm</li> <li>4. Hardness: 55-65 Duro</li> <li>5. Used to seal flasks and other glasswares, to prevent liquids and gases to escape, and to prevent leaks, hazards, and contamination.</li> </ol>			

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Set of Connectors (# 18 copper, AWG stranded):		SET OF CONNECTORS (# 18 copper, AWG stranded):		
Black, 350mm long with alligator clip on one end and banana plug on the other end		# 18 copper, AWG stranded, 350 mm length minimum, with insulated brass alligator clip, 18 mm - 20 mm jaw length, on one end and 4 mm brass banana plug, on the other end; all black		
Red, 350mm long with alligator clip on one end and banana plug on the other end		# 18 copper, AWG stranded, 350 mm length minimum, with insulated brass alligator clip, 18 mm - 20 mm jaw length, on one end and 4 mm brass banana plug, on the other end, all red		
White, 350mm long with alligator clip on one end and banana plug on the other end		# 18 copper, AWG stranded, 350 mm length minimum, with insulated brass alligator clip, 18 mm - 20 mm jaw length, on one end and 4 mm brass banana plug, on the other end, all white		
Blue, 350mm long with alligator clip on one end and banana plug on the other end.		# 18 copper, AWG stranded, 350 mm length minimum, with insulated brass alligator clip, 18 mm - 20 mm jaw length, on one end and 4 mm brass banana plug, on the other end, all blue  Note: All connections between wire and alligator clips/banana plugs should be properly soldered.		
Set of Tools:		Consist of:		
Screwdriver, flat, 6", 1 pc/set		1. Screwdriver flat, 3/16 inches tip width x 6 inches long, chrome vanadium material, 1 pc. /set;		
Screwdriver, Phillips, 6", 1 pc/set		2. Screwdriver, Phillips, Point size blade #3 x 6" long, chrome vanadium material, 1 pc/set;		

Long Nose Pliers, 6", 1 pair/set	3. Long Nose Pliers with side cutter, 6 inches long, chrome vanadium material, 1 pair/set;		
Mechanical Wire Cutter and Pliers, 6.5", 1 pair/set	4. Mechanical-Wire Cutter and Pliers, 6 1/2 inches, chrome vanadium material, 1 pair/set;		
Soldering Iron, 60 watts, 1 pc/set	5. Soldering Iron, 60 watts, small type, wooden handle, 1 pc. /set;		
Ball Peen Hammer, handle length is 11", 350g approx. weight, 1 pc/set	6. Ball Peen Hammer, handle length 11 inches, 350 grams gross weight approx., 1 pc. /set;		
Precision Screwdrivers Set, 6 pcs/set, with plastic casing, 1 set/set	7. Precision Screwdrivers Set, 6 pc. (3 phillips, 3 flats)/set, with plastic casing, 1 set/set		
Tweezers, stainless steel, with curved tips, 6.5" long, 1 pair/set	8. Tweezers, stainless steel, with curved tips, 6 1/2 inches long, 1 pair/set;		
Soldering Lead, Ø1mm, Grade 60/40, Wt.: 1 lb/spool, 1 spool/set	9. Consumables to be included in package: i) Soldering Lead, Ø 1 mm, Grade 60/40, weight: 1 lb./spool, 1 spool/set. ii) Soldering Paste, all purpose flux, non-corrosive, 50 grams/can, 1 can/set.		
Soldering Paste, 50 grams/can, 1 can/set	10. Must be branded.  * "Imported products should pass international quality control product standards and have international quality control product markings such as CE, ISO, ASTM, ASQC, AFCIQ, ASQ, DGQ, EOQC, IQA, and the likes, while locally made products (Philippine-made) should pass the local quality control product standards and bear the PS mark." made) should pass the local quality control product standards and bear the PS mark."		

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2	Beaker, 100 ml, borosilicate	<p>The item shall have the following specifications:</p> <ol style="list-style-type: none"> <li>1. Borosilicate, clear and transparent bubble-free glass;</li> <li>2. Thickness range: 1.5 mm to 2.0 mm;</li> <li>3. Permanent white graduations, with white enamel marking spot;</li> <li>4. Features an easy-pour spout</li> <li>5. Capacity: 100 mL ± 5% enameled onto the glass;</li> <li>6. Single graduated metric scale. Graduation starts at 20 mL in 10 mL increments. Graduation range: 20 mL to 80 mL;</li> <li>7. Height Range: 70 mm to 72 mm; Outside diameter range: 50 mm to 52 mm;</li> <li>8. Used as a container for stirring, mixing and heating liquids;</li> <li>9. Must be Branded.</li> </ol> <p>* "Imported products should pass international quality control product standards and have international quality control product markings such as CE, ISO, ASTM, ASQC, AFCIQ, ASQ, DGQ, EOQC, IQA, and the likes, while locally made products (Philippine-made) should pass the local quality control product standards and bear the PS mark." made) should pass the local quality control product standards and bear the PS mark."</p>		
	Beaker, 1000 ml., borosilicate	<p>The item shall have the following specifications:</p> <ol style="list-style-type: none"> <li>1. Borosilicate, transparent, bubble-free glass</li> <li>2. Thickness range: 1.5 mm to 2.0 mm</li> <li>3. Permanent white graduations, with white enamel marking spot</li> <li>4. Features an easy-pour spout</li> <li>5. Capacity: 1000 mL ± 10% enameled onto the glass;</li> <li>6. Single graduated metric scale</li> </ol>		

		<p>Graduation starts at 100 mL in 50 mL increments</p> <ol style="list-style-type: none"> <li>7. Height: 140mm to 160mm Outside Diameter: 100mm to 110mm</li> <li>8. Used as a container for stirring, mixing and heating liquids</li> <li>9. Must be branded.</li> </ol> <p>* "Imported products should pass international quality control product standards and have international quality control product markings such as CE, ISO, ASTM, ASQC, AFCIQ, ASQ, DGQ, EOQC, IQA, and the likes, while locally made products (Philippine-made) should pass the local quality control product standards and bear the PS mark." made) should pass the local quality control product standards and bear the PS mark."</p>		
	<p>Beaker, 250 ml., borosilicate</p>	<p>The item shall have the following specifications:</p> <ol style="list-style-type: none"> <li>1. Borosilicate, transparent, bubble-free glass</li> <li>2. Thickness: 1.5 mm to 2.0 mm</li> <li>3. Permanent white graduations, with white enamel marking spot</li> <li>4. Features an easy-pour spout</li> <li>5. Capacity: 250 mL <math>\pm</math>5% enameled onto the glass;</li> <li>6. Double graduated metric scale Marked to fill: Graduation starts at 25 mL in 25 mL increments Marked to empty: Graduation starts at 0 mL in 25 mL increments.</li> <li>7. Height range: 90mm to 92mm O.D. Range: 68mm to 70mm</li> <li>8. Graduation interval: 25 mL Graduation range: 25 mL to 200 mL</li> <li>9. Must be branded.</li> <li>10. Used as a container for stirring, mixing, and heating liquids.</li> </ol> <p>* "Imported products should pass international quality control product standards and have international quality control product markings such as CE, ISO, ASTM, ASQC, AFCIQ, ASQ, DGQ, EOQC, IQA, and the likes, while locally made products (Philippine-made) should pass the local quality control product standards and bear the PS mark." made) should pass the local</p>		

		quality control product standards and bear the PS mark."		
	Beaker, 50 ml, borosilicate	<p>The item shall have the following specifications.</p> <ol style="list-style-type: none"> <li>1. Borosilicate, transparent, bubble-free glass;</li> <li>2. Thickness: 1.5 to 2.0 mm</li> <li>3. Permanent white graduations, with white enamel marking spot;</li> <li>4. Features a spout;</li> <li>5. Capacity: 50 mL <math>\pm</math> 5% enameled onto the glass</li> <li>6. Single graduated metric scale Graduation starts at 10 mL in 10 mL increments Graduation range: 10-40 mL;</li> <li>7. Height Range: 55 to 57 mm; OD Range: 40 to 42mm;</li> <li>8. To contain and mix solids and liquids up to 50 mL capacity.</li> <li>9. For heating small amounts of substances up to more than 100°C;</li> <li>10. Must have a brand.</li> </ol> <p>* "Imported products should pass international quality control product standards and have international quality control product markings such as CE, ISO, ASTM, ASQC, AFCIQ, ASQ, DGQ, EOQC, IQA, and the likes, while locally made products (Philippine-made) should pass the local quality control product standards and bear the PS mark." made) should pass the local quality control product standards and bear the PS mark."</p>		
	Beaker, 500 ml, borosilicate	<p>The item shall have the following specifications.</p> <ol style="list-style-type: none"> <li>1. Borosilicate, clear, transparent and bubble-free glass;</li> <li>2. Thickness range: 1.5mm to 2.0mm;</li> <li>3. Permanent white graduations and large white marking spot.</li> <li>4. With easy pour spout.</li> <li>5. Capacity: 500 mL; <math>\pm</math> 5% enameled onto the glass</li> <li>6. Double graduated metric scale Marked to fill: Graduation starts at 50 mL in 50 mL increments Marked to empty: Graduation starts at 0 mL in 50 mL increments. Graduation range: <b>50- 450 mL</b></li> </ol>		

		<p>7. Height range: 136 -140 mm O.D. Range: 75 mm-80 mm;</p> <p>8. To contain and mix solids and liquids and for heating substances up to more than 100°C</p> <p>9. Must have a brand</p> <p>* "Imported products should pass international quality control product standards and have international quality control product markings such as CE, ISO, ASTM, ASQC, AFCIQ, ASQ, DGQ, EOQC, IQA, and the likes, while locally made products (Philippine-made) should pass the local quality control product standards and bear the PS mark." made) should pass the local quality control product standards and bear the PS mark."</p>		
	<p>Graduated Cylinder, 10 ml. capacity</p>	<p>The item shall have the following specification:</p> <ol style="list-style-type: none"> <li>1. Bubble-free, borosilicate, clear and transparent glass</li> <li>2. O.D. range: 13 mm to 14 mm Height range: 177 mm to 178 mm</li> <li>3. All markings are in permanent white enamel</li> <li>4. With funnel top, with pour spout;</li> <li>5. Single metric scale, calibrated to deliver (TD). With plastic bumper guard;</li> <li>6. Glass hexagonal base (non-detachable)</li> <li>7. Capacity: 10ml Tolerance: ± 0.20mL</li> <li>8. Graduation range: 1mL to 10mL Graduation Interval: 0.1 mL</li> <li>9. Measures the volume of liquids up to 10mL</li> <li>10. Must be branded.</li> </ol> <p>* "Imported products should pass international quality control product standards and have international quality control product markings such as CE, ISO, ASTM, ASQC, AFCIQ, ASQ, DGQ, EOQC, IQA, and the likes, while locally made products (Philippine-made) should pass the local quality control product standards and bear the PS mark." made) should pass the local quality control product standards and bear the PS mark."</p>		

	<p>Graduated Cylinder, 100 ml. capacity</p>	<p>The item shall have the following specifications:</p> <ol style="list-style-type: none"> <li>1. Bubble-free, borosilicate, clear and transparent glass</li> <li>2. Outside Diameter: 29mm to 31mm Height: 254mm to 256mm</li> <li>3. All markings are in permanent white enamel</li> <li>4. With spout</li> <li>5. Single graduated metric scale. Graduation interval: 1.0 mL, with plastic bumper guard</li> <li>6. Ring marks at major graduations only; short line graduation for subgraduate markings should <b>not</b> be in full ring marking.</li> <li>7. Glass hexagonal base (non-detachable)</li> <li>8. Capacity: 100 mL Tolerance: <math>\pm 0.60</math></li> <li>9. Graduation range: 5 mL to 100 mL Graduation Interval: 1 mL</li> <li>10. Measures the volume of liquids</li> <li>11. Must be branded.</li> </ol> <p>* "Imported products should pass international quality control product standards and have international quality control product markings such as CE, ISO, ASTM, ASQC, AFCIQ, ASQ, DGQ, EOQC, IQA, and the likes, while locally made products (Philippine-made) should pass the local quality control product standards and bear the PS mark." made) should pass the local quality control product standards and bear the PS mark."</p>		
	<p>Reagent Bottle, narrow-mouth, amber glass (250 ml, capacity)</p>	<p>The item shall have the following specifications.</p> <ol style="list-style-type: none"> <li>1. Clear and bubble-free amber glass;</li> <li>2. Narrow mouth with ground-in plastic stopper;</li> <li>3. 250 mL capacity;</li> <li>4. Over-all height range: 134 mm to 142mm Bottle diameter range: 68 mm to 70mm Neck inside diameter range: 24 mm to 28mm</li> <li>5. To contain/store prepared light sensitive solutions/substances</li> <li>6. Must have a brand.</li> </ol>		

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	<p>Reagent Bottle, wide-mouth, transparent glass (250 ml, capacity)</p>	<p>The item shall have the following specifications.</p> <ol style="list-style-type: none"> <li>1. Clear and bubble-free transparent glass.</li> <li>2. Wide-mouth with ground-in glass stopper</li> <li>3. Air tight seal</li> <li>4. 250 mL capacity Height range: 132 mm to 142mm Bottle diameter range: 69 mm to 73mm Mouth opening range: 40 mm to 44mm</li> <li>5. To contain/store prepared solutions</li> <li>6. Must be branded</li> </ol> <p>* "Imported products should pass international quality control product standards and have international quality control product markings such as CE, ISO, ASTM, ASQC, AFCIQ, ASQ, DGQ, EOQC, IQA, and the likes, while locally made products (Philippine-made) should pass the local quality control product standards and bear the PS mark." made) should pass the local quality control product standards and bear the PS mark."</p>		
	<p>Vial, screw-neck, 25 ml. (with screw-type plastic cap)</p>	<p>The item shall have the following specifications.</p> <ol style="list-style-type: none"> <li>1. Screw neck vials with screw-type plastic cap;</li> <li>2. Clear and bubble-free glass;</li> <li>3. Capacity: 25 mL;</li> <li>4. Outside diameter range: 26 mm to 30mm Length range: 70 mm to 76 mm</li> <li>5. To hold/contain and mix liquids and solids up to 25 mL capacity;</li> </ol>		

		<p>6. Must be branded</p> <p>* "Imported products should pass international quality control product standards and have international quality control product markings such as CE, ISO, ASTM, ASQC, AFCIQ, ASQ, DGQ, EOQC, IQA, and the likes, while locally made products (Philippine-made) should pass the local quality control product standards and bear the PS mark." made) should pass the local quality control product standards and bear the PS mark."</p>		
	<p>Vial, screw-neck, 50 ml. (with screw-type plastic cap)</p>	<p>The item shall have the following specifications.</p> <ol style="list-style-type: none"> <li>1. Screw neck vials with screw-type plastic cap;</li> <li>2. Clear and bubble-free glass;</li> <li>3. Capacity: 50mL.</li> <li>4. Outside diameter range: 26 mm to 30 mm Length range: 100 mm to 120 mm;</li> <li>5. To hold/contain and mix liquids and solids up to 50 mL capacity</li> <li>6. Must have a brand.</li> </ol> <p>* "Imported products should pass international quality control product standards and have international quality control product markings such as CE, ISO, ASTM, ASQC, AFCIQ, ASQ, DGQ, EOQC, IQA, and the likes, while locally made products (Philippine-made) should pass the local quality control product standards and bear the PS mark." made) should pass the local quality control product standards and bear the PS mark."</p>		

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3	Balance, triple-beam	<p>The item shall have the following specifications:</p> <ol style="list-style-type: none"> <li>1. For general laboratory use with lead counterweights</li> <li>2. Rust-free single pan, triple beam, magnetically damped and with-spring, loaded zero-adjust compensator;</li> <li>3. Balance is constructed on a cast metal base with corrosion-resistant finish. Main beam made of aluminum alloy, stainless steel weighing pan, with self-aligning agate bearings, precision ground steel knife edges and adjustment knob for taring.</li> <li>4. Equipped with iron stand assembly as an accessory for fastening on the table and suspending the triple beam balance on air for specific gravity determination.</li> <li>5. Capacity: 2610grams/0.1gram readability  Weighing platform dimensions: 150 mm diameter  Beam graduations:  Rear beam: 100 g X 10 g  Center beam: 500 g X 100 g  Front beam: 10 g X 0.1 g</li> <li>6. Equipped with three separate masses of 2pcs counter weights for 1,000 grams and 1-piece counter weights for 500 grams;</li> <li>7. With English User's manual that contains operation guide and also indicates formula and procedure in determining specific gravity and taring.</li> <li>8. For durability and sensitivity, parts should be able to withstand corrosive environment/solutions.</li> <li>9. To measure masses of solids, liquids and gases;</li> <li>10. Must be branded.</li> </ol>		

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	<p>Electrical Conductivity Apparatus</p>	<p>The item shall have the following specifications:</p> <ol style="list-style-type: none"> <li>1. Consists of a molded socket on a PVC cover, provided with two (2) binding posts for connection of two wire cords;</li> <li>2. The cover is designed to fit a clear bubble free glass jar/container.</li> <li>3. With two (2) electrodes internally connected to the lamp circuit Anode: Copper wire Cathode: Carbon rod Length of electrodes: 60 mm.</li> <li>4. With a clear bubble free glass jar/container; Size dimensions of glass jar/container: 80mm x 80mm x 130mm Capacity of container: 200mL</li> <li>5. With 10 pc Light bulb: miniature type, 2.5 volts to 3.0 volts/0.3 A</li> <li>6. Power Supply: <ol style="list-style-type: none"> <li>a) Input voltage: 220/240 V AC; Output voltage: With (0, 3, 6, 7.5, 9) volts DC with selector switch</li> <li>b) With 2 (size AA) batteries and with 2- chamber battery holder</li> </ol> </li> <li>7. Comes with two connecting wires (1 red, 1 black); with alligator clips (1 red, 1 black) soldered on one end of the wire with banana plugs (1 red, 1 black) soldered on the other end of each wire <ol style="list-style-type: none"> <li>a. Length: 12 "</li> <li>b. Gauge number: 20</li> <li>c. Type of wire: Stranded</li> </ol> </li> <li>8. Comes complete with a padded storage box to help prevent glass breakage.;</li> </ol>		

		<p>9. With operations manual, assembly guide, activity sheets in English  10. With activity sheets in English  11. To observe the increase and decrease in a liquid's conductivity;  12. Must have a brand.</p> <p>* "Imported products should pass international quality control product standards and have international quality control product markings such as CE, ISO, ASTM, ASQC, AFCIQ, ASQ, DGQ, EOQC, IQA, and the likes, while locally made products (Philippine-made) should pass the local quality control product standards and bear the PS mark." made) should pass the local quality control product standards and bear the PS mark."</p>		
	<p>Microscope Prepared Slide Set, 25's</p>	<p>The item shall have the following specifications.</p> <ol style="list-style-type: none"> <li>1. Set of 25 pieces slides;</li> <li>2. Individually sealed and protected by a cover slip/glass cover;</li> <li>3. Colorful slides of the following: insects (4); plants (7); animals/microbes (7); Human tissues (7)</li> </ol> <p>Either of the following insects: wing of housefly, mosquito larvae, <i>Drosophila melanogaster</i>, housefly head, aphids.</p> <p>Either of the following plants: <i>volvox</i>, stem of monocotyledon c.s, stem of dicotyledon c.s., monocot leaf epidermis, dicot leaf epidermis, germinated pollen, hydrilla leaf w.m.</p> <p>Either of the following animals/microbes: hydra budding, euglena, diatoms, daphnia w.m., <i>Amoeba proteus</i>, paramecium w.m., planaria w.m., planaria c.s., ascaris mitosis, vorticella, lancelet w.m.</p>		

		<p><i>Escherichia coli, Staphylococcus aureus, Lactobacillus spp.</i></p> <p>Either of the following human tissues: skeletal muscle c.s., small intestine c.s., human white blood cell, cardiac muscle; motor neurons cell w.m., spinal cord c.s., lung section, liver section, nerve cell w.m., meiosis of human sex cells, stomach villi</p> <ol style="list-style-type: none"> <li>4. Writing the Scientific Name should be properly observed.</li> <li>5. Individually labeled for specimen identification</li> <li>6. Slides are packed in a fitted wooden box that contains interior padding to prevent breakage</li> <li>7. Clear, with no finger-smudged slide</li> <li>8. Should include English instructions on how to clean, store and handle the slide.</li> </ol> <p>* "Imported products should pass international quality control product standards and have international quality control product markings such as CE, ISO, ASTM, ASQC, AFCIQ, ASQ, DGQ, EOQC, IQA, and the likes, while locally made products (Philippine-made) should pass the local quality control product standards and bear the PS mark." made) should pass the local quality control product standards and bear the PS mark."</p>		
	<p>Microscope, Compound, 4 Objectives</p>	<p>The item shall have the following specifications:</p> <ol style="list-style-type: none"> <li>1. <b>Eyepiece:</b> Glass lens, locked-in wide field, 10X with pointer, and with own separate plastic storage case includes an extra 15X eyepiece;</li> <li>2. <b>Nosepiece:</b> Quadruple with accurate centering and click stops; easy to turn;</li> <li>3. <b>Objectives :</b> Glass lens, achromatic objectives are parfocal, parcentered, colorcoded, 4X,10X,</li> </ol>		

		<p>retractable 40X, and 100X (oil immersion) with own separate plastic storage case ;</p> <ol style="list-style-type: none"> <li>4. <b>Stage:</b> Built in flat, firmly fixed graduated mechanical stage clips and knobs; 120 mm x 120 mm (<math>\pm 10</math>mm) for easy and smooth scan of specimen slide; glass slides should not be displaced when mounted;</li> <li>5. <b>Condenser:</b> N.A. 1.25 with iris diaphragm;</li> <li>6. <b>Focus:</b> Dual coarse controls with slip clutch and adjustable tension ring; dual lever type fine focus controls; adjustable safety stop; Gives sharp, clear, well-lighted images;</li> <li>7. <b>Mirror:</b> 50mm (<math>\pm 1</math>mm), 2 sided, plane-concave;</li> <li>8. With wooden storage case; and immersion oil provided;</li> <li>9. With English User's manual that includes the following: diagram of correct microscope parts with correct spelling of the different parts (eyepiece, tube, coarse focusing knob, fine focusing knob, limit stop screw, nosepiece, objective(s), stage, mirror, Abbe condenser, iris diaphragm, stage clips/movable specimen holder, arm, base - depending on the model submitted); function of each of the parts, operation guide, precaution and cleaning instructions and troubleshooting guide;</li> <li>10. Must be branded;</li> <li>11. To view microscopic sample/specimen not visible to naked eye;</li> <li>12. <b>Comes with training on the use, care, maintenance and storage</b></li> </ol> <p>* "Imported products should pass international quality control product standards and have international quality control product markings such as CE, ISO, ASTM, ASQC, AFCIQ, ASQ, DGQ, EOQC, IQA, and the likes, while locally made products (Philippine-made) should pass the local quality control product standards and bear the</p>		
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		PS mark." made) should pass the local quality control product standards and bear the PS mark."		
	Optical Bench Set	<p>The item shall include the following specifications:</p> <ol style="list-style-type: none"> <li>1. This Complete Set includes: <ul style="list-style-type: none"> <li>• 1-meterstick, with centimeter and millimeter graduations</li> <li>• 1-lens support for 50 mm lens, should be stable when mounted on meterstick, smooth sliding</li> <li>• 1-lens support for 75 mm lens, should be stable when mounted on meterstick, smooth sliding</li> <li>• 1- screen support, should be stable when mounted on meterstick, smooth sliding</li> <li>• 5-white board screens (10 cm x 12.5 cm, approx.)</li> <li>• 2-metal supports for meter stick, should be stable, meterstick should not tip off</li> <li>• 1-candle holder, should be stable when mounted on meterstick, smooth sliding</li> <li>• 1-paraffin candle</li> </ul> </li> <li>2. Stand supports for meter stick, holders for lenses, mirrors, screens, and candle should be placed inside one compartmentalized casing;</li> <li>3. Branded;</li> <li>4. With English User's Manual that includes operation guide.</li> </ol> <p>* "Imported products should pass international quality control product standards and have international quality control product markings such as CE, ISO, ASTM, ASQC, AFCIQ, ASQ, DGQ, EOQC, IQA, and the likes, while locally made products (Philippine-made) should pass the local quality control product standards and bear the PS mark." made) should pass the local</p>		

		quality control product standards and bear the PS mark."		
	Telescope, Astronomical (Reflecting)	<p>The item shall have the following specifications:</p> <ol style="list-style-type: none"> <li>1. Equatorial Reflector Telescope Features: <ol style="list-style-type: none"> <li>a) 114mm Aperture (4.5 inches)</li> <li>b) Focal Length - 910 mm</li> <li>c) Rack-and-Pinion Focuser</li> <li>d) Equatorial Mount with manual control cables</li> <li>e) Setting Circles</li> <li>f) Latitude Control with Scale</li> <li>g) Two 1.25 inches Eyepieces - 9mm and 25mm, multi coated</li> <li>h) Aluminum Tripod with Accessory Shelf</li> </ol> </li> <li>2. With English User's Manual that includes Operation Guide and Guide on how to assemble the model.</li> <li>3. With Sticker at the bottom of the eyepiece stating the model, focal length, and diameter.</li> <li>4. Includes training on use, maintenance, and storage</li> <li>5. Must be branded</li> </ol> <p>* "Imported products should pass international quality control product standards and have international quality control product markings such as CE, ISO, ASTM, ASQC, AFCIQ, ASQ, DGQ, EOQC, IQA, and the likes, while locally made products (Philippine-made) should pass the local quality control product standards and bear the PS mark." made) should pass the local quality control product standards and bear the PS mark."</p>		

LOT NO.	ITEM	SPECIFICATION	Bidder's Statement of Compliance	Bidder's Actual Offer
4	Basic Lens Set, acrylic	<p>The item shall have the following specifications:</p> <ol style="list-style-type: none"> <li>1. Set of 7 lenses, acrylic material, secured in compartmentalized storage box, with the following types and diameters: <ul style="list-style-type: none"> <li>1-double convex, 50 mm ±2 mm</li> <li>1-plano convex, 50 mm ±2 mm</li> <li>1-double concave, 50 mm ±2 mm</li> <li>1-plano concave, 50 mm ±2 mm</li> <li>1-convex-concave lens, 50 mm ±2 mm</li> <li>1-concave-convex lens, 50 mm ±2 mm</li> <li>1-double convex lens, 75 mm ±2 mm</li> </ul> </li> <li>2. All lenses free from sharp edges;</li> <li>3. Should be clear and no sign of cloudiness;</li> <li>4. Should be able to project expected image/s of light source on screen;</li> <li>5. Branded.</li> </ol> <p>* "Imported products should pass international quality control product standards and have international quality control product markings such as CE, ISO, ASTM, ASQC, AFCIQ, ASQ, DGQ, EOQC, IQA, and the likes, while locally made products (Philippine-made) should pass the local quality control product standards and bear the PS mark." made) should pass the local quality control product standards and bear the PS mark."</p>		
	Beaker Tong	<p>The item shall have the following specifications.</p> <ol style="list-style-type: none"> <li>1. With plastic or rubber covered jaws</li> <li>2. Made of 1/4 inch (6.35 mm) nickel-plated steel</li> <li>3. Total length: 9.75 inches (247.65 mm ± 1mm)</li> <li>4. Holds beakers from 50mL to 1000 ml</li> <li>5. Must be branded</li> </ol>		

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Cork Borers		<p>The item shall have the following specifications:</p> <ol style="list-style-type: none"> <li>1. Nickel-plated steel borers with teeth and red plastic handle</li> <li>2. Set of 6 of different sizes; one piece per size (4mm to 12.7mm) ± 1 mm</li> <li>3. Handles are individually and permanently numbered for easy identification</li> <li>4. A steel ramrod/eject rod is included.</li> <li>5. Boring a hole in a cork or rubber stopper to insert a glass tubing, thermometer or stirrer</li> <li>6. Must be branded.</li> </ol> <p>* "Imported products should pass international quality control product standards and have international quality control product markings such as CE, ISO, ASTM, ASQC, AFCIQ, ASQ, DGQ, EOQC, IQA, and the likes, while locally made products (Philippine-made) should pass the local quality control product standards and bear the PS mark." made) should pass the local quality control product standards and bear the PS mark."</p>		
DC Ammeter		<p>The item shall have the following specifications:</p> <ol style="list-style-type: none"> <li>1. Analog, dual range selectable: <ul style="list-style-type: none"> <li>-0.2 - 0 - +0.6A/0.02 read;</li> <li>-1.0 -0- +3.0A/0.1 read,</li> <li>± 2.5% full scale, analog</li> </ul> </li> <li>2. Dial plate dimensions: 95 mm width x 85 mm height, minimum;</li> <li>3. Overall encasement dimensions minimum: 95 mm width x 130 mm</li> </ol>		

		<p>depth x 95 mm height encasement material: plastic, any color;</p> <ol style="list-style-type: none"> <li>4. Binding post terminals, threaded, can accommodate 4 mm banana plug, brass material, color coded plastic insulation (black for negative or common terminal, red for positive terminal);</li> <li>5. External zero-adjust calibration;</li> <li>6. With English User's Manual that includes operation guide;</li> <li>7. Branded.</li> </ol> <p>* "Imported products should pass international quality control product standards and have international quality control product markings such as CE, ISO, ASTM, ASQC, AFCIQ, ASQ, DGQ, EOQC, IQA, and the likes, while locally made products (Philippine-made) should pass the local quality control product standards and bear the PS mark." made) should pass the local quality control product standards and bear the PS mark."</p>		
	<p>DC Voltmeter</p>	<p>The item shall have the following specifications:</p> <ol style="list-style-type: none"> <li>1. Analog, dual range selectable: -1V -0- +3V/0.1 read; -5 -0- +15V/ 1.0 read, <math>\pm 2.5\%</math> full scale, analog,</li> <li>2. Dial plate dimensions: 95 mm width x 85 mm height, minimum;</li> <li>3. Overall encasement dimensions minimum: 95 mm width x 130 mm depth x 95 mm height encasement material: plastic, any color;</li> <li>4. Binding post terminals, threaded, can accommodate 4 mm banana plug, brass material, color coded plastic insulation (black for negative or common terminal, red for positive terminal)</li> <li>5. External zero-adjust calibration;</li> <li>6. With English User's Manual that includes operation guide;</li> <li>7. Branded.</li> </ol> <p>* "Imported products should pass international quality control product standards and have international quality control product markings such as CE, ISO, ASTM, ASQC, AFCIQ, ASQ,</p>		

		DGQ, EOQC, IQA, and the likes, while locally made products (Philippine-made) should pass the local quality control product standards and bear the PS mark." made) should pass the local quality control product standards and bear the PS mark."		
	Desk Lamp, Heavy Base	<p>The item shall have the following specifications:</p> <ol style="list-style-type: none"> <li>1. Heavy base, able to stand by itself</li> <li>2. 35inches length minimum</li> <li>3. Easily adjustable to direct the light wherever you need it the most</li> <li>4. With On and Off Switch</li> <li>5. Included with 60-100 Watts Yellow Light bulb</li> <li>6. Preferable ungrounded plug (If the plug is grounded, an adapter should include in the item.)</li> <li>7. With English User's Manual that includes Operation Guide</li> <li>8. Must be branded</li> </ol> <p>* "Imported products should pass international quality control product standards and have international quality control product markings such as CE, ISO, ASTM, ASQC, AFCIQ, ASQ, DGQ, EOQC, IQA, and the likes, while locally made products (Philippine-made) should pass the local quality control product standards and bear the PS mark." made) should pass the local quality control product standards and bear the PS mark."</p>		
	Dissecting Set with pan	<p>The set shall have the following item specifications:</p> <ol style="list-style-type: none"> <li>1. In a leatherette pouch or vinyl zippered case;</li> <li>2. 10 pcs dissecting set that includes the following stainless steel instruments: <ul style="list-style-type: none"> <li>• 1 piece surgical scissors, length 110mm (±1 mm);</li> <li>• 1 piece fine points scissors, length 110mm (±1 mm);</li> <li>• 1 piece fine points curved forceps, length 110mm (±1 mm);</li> <li>• 1 piece fine points straight tip forceps, length 110mm (±1 mm);</li> </ul> </li> </ol>		

		<ul style="list-style-type: none"> <li>• 1-piece tissue forceps or mosquito forceps, curved tip</li> <li>• 1-piece scalpel 4 cm blade</li> <li>• 1-piece scalpel handle</li> <li>• 1-piece teasing needle angular with chuck</li> <li>• 1-piece teasing needle straight with chuck</li> <li>• 1-piece mall probe and seeker</li> </ul> <p>3. 1-piece stainless steel dissecting pan of 11inches x 7inches x 1 1/2inches;</p> <p>4. Must be Branded</p> <p>5. Used to perform a greater variety of dissections</p> <p>* "Imported products should pass international quality control product standards and have international quality control product markings such as CE, ISO, ASTM, ASQC, AFCIQ, ASQ, DGQ, EOQC, IQA, and the likes, while locally made products (Philippine-made) should pass the local quality control product standards and bear the PS mark." made) should pass the local quality control product standards and bear the PS mark."</p>		
	<p>Dry Cell Holder, for single size D dry cell</p>	<p>The item shall have the following specifications:</p> <ol style="list-style-type: none"> <li>1. Single Holder for size D dry cell, snap-on type;</li> <li>2. With built-in nickel plated brass plate connectors;</li> <li>3. Holders can be interconnected in series or parallel;</li> <li>4. Plastic body, should be sturdy, thickness: 2 mm minimum;</li> <li>5. Crack resistant when dropped from 1-meter height, mounted with dry cell;</li> <li>6. Any color;</li> <li>7. Branded.</li> </ol>		
	<p>Electronic Pocket Scale, 120g capacity</p>	<p>The item shall have the following specifications:</p>		

		<ol style="list-style-type: none"> <li>1. High contrast LCD, stability indicator, overload and under load indicators, low battery indicator, auto shut-off;</li> <li>2. Able to read from the range of 0.01 grams to 120 grams</li> <li>3. With Power, Tare, Unit, and Pieces Button</li> <li>4. Included 2 Lithium Batteries</li> <li>5. With English User's Manual that includes the following: <ol style="list-style-type: none"> <li>a. Operation Guide</li> <li>b. Guide on How to Replace the Battery</li> <li>c. Procedure on the proper use, handling and storage.</li> </ol> </li> <li>6. Must be branded.</li> </ol> <p>* "Imported products should pass international quality control product standards and have international quality control product markings such as CE, ISO, ASTM, ASQC, AFCIQ, ASQ, DGQ, EOQC, IQA, and the likes, while locally made products (Philippine-made) should pass the local quality control product standards and bear the PS mark." made) should pass the local quality control product standards and bear the PS mark."</p>		
	<p>Filter Paper, ordinary, 600mm x 600mm sheet</p>	<p>The item shall have the following specifications:</p> <ol style="list-style-type: none"> <li>1. Filter Paper sheet, ordinary, 600 mm x 600 mm</li> <li>2. Student Grade Filter Paper (Grade 1)</li> <li>3. Initial Filtration Speed: 150sec/100mL.</li> <li>4. To filter/separate solids from liquids</li> <li>5. Must be branded.</li> </ol> <p>* "Imported products should pass international quality control product standards and have international quality control product markings such as CE, ISO, ASTM, ASQC, AFCIQ, ASQ, DGQ, EOQC, IQA, and the likes, while locally made products (Philippine-made) should pass the local quality control product standards and bear the PS mark." made) should pass the local quality control product standards and bear the PS mark."</p>		

	Galvanometer	<p>The item shall have the following specifications:</p> <ol style="list-style-type: none"> <li>1. Analog, general purpose galvanometer;</li> <li>2. -500 to +500 <math>\mu</math>A full scale/10 <math>\mu</math>A read, full scale accuracy of <math>\pm</math> 2.5%;</li> <li>3. Dial plate dimensions: 95 mm width x 85 mm height, minimum;</li> <li>4. Overall encasement dimensions minimum: 95 mm width x 130 mm depth x 95 mm height encasement material: plastic, any color;</li> <li>5. Binding post terminals, threaded, can accommodate 4 mm banana plug, brass material, color coded plastic insulation (black for negative or common terminal, red for positive terminal);</li> <li>6. External zero-adjust calibration;</li> <li>7. With English User's Manual that includes operation guide;</li> <li>8. Branded.</li> </ol> <p>* "Imported products should pass international quality control product standards and have international quality control product markings such as CE, ISO, ASTM, ASQC, AFCIQ, ASQ, DGQ, EOQC, IQA, and the likes, while locally made products (Philippine-made) should pass the local quality control product standards and bear the PS mark." made) should pass the local quality control product standards and bear the PS mark."</p>		
	Hand Gloves, acid/solvent-resistant, super nitrile	<p>The item shall have the following specifications:</p> <ol style="list-style-type: none"> <li>1. Medium size or size 8</li> <li>2. Super Nitrile, flock lined interior (acid/solvent resistant)</li> <li>3. Individually packed</li> <li>4. For hand protection</li> <li>5. Must be branded.</li> </ol> <p>* "Imported products should pass international quality control product standards and have international quality</p>		

		control product markings such as CE, ISO, ASTM, ASQC, AFCIQ, ASQ, DGQ, EOQC, IQA, and the likes, while locally made products (Philippine-made) should pass the local quality control product standards and bear the PS mark." made) should pass the local quality control product standards and bear the PS mark."		
	Hexagonal Weigh Dishes Set, 50mL, 500 pcs/pack	<p>The item shall have the following specifications:</p> <ol style="list-style-type: none"> <li>1. Made of hexagonal shapes plastic</li> <li>2. Easily bent into pouring spouts to facilitate in sample transfers and reduce the risk of spills.</li> <li>3. Ideal for handling solids or liquids during weighing procedures.</li> <li>4. Flat bottoms and sloping sides allow these disposable dishes to be easily stacked and conveniently stored.</li> <li>5. Must be branded.</li> </ol> <p>* "Imported products should pass international quality control product standards and have international quality control product markings such as CE, ISO, ASTM, ASQC, AFCIQ, ASQ, DGQ, EOQC, IQA, and the likes, while locally made products (Philippine-made) should pass the local quality control product standards and bear the PS mark." made) should pass the local quality control product standards and bear the PS mark."</p>		
	Laboratory Hot Plate	<p>The item shall have the following specifications:</p> <ol style="list-style-type: none"> <li>1. Chemical resistant white ceramic flat surface top plate;</li> <li>2. Maximum Operating Temp.: 380°C;</li> <li>3. Top plate Dimensions: 180mm x 180mm (minimum); with digital display;</li> <li>4. Control: Quick and easy adjustment knob;</li> <li>5. Safety LEDs indicate when heating function has been activated;</li> </ol>		

		<ol style="list-style-type: none"> <li>6. Power: 220-240V AC, 50/60 Hz, 800W;</li> <li>7. With built-in support rod mount, thumbscrew, accommodates rods up to 13mm in dia.</li> <li>8. Aluminum casting body with powder coating.</li> <li>9. Includes Operations manual in English.</li> <li>10. For uniform heating of glasswares and its contents, solutions, and substances</li> <li>11. For sterilizing glasswares and other materials and for preparing chemicals used in scientific research</li> <li>12. Must be branded.</li> </ol> <p>* "Imported products should pass international quality control product standards and have international quality control product markings such as CE, ISO, ASTM, ASQC, AFCIQ, ASQ, DGQ, EOQC, IQA, and the likes, while locally made products (Philippine-made) should pass the local quality control product standards and bear the PS mark." made) should pass the local quality control product standards and bear the PS mark."</p>		
	<p>Landform Demonstration Kit</p>	<p>The item shall have the following specifications:</p> <p>These Kit composed of the following:</p> <ol style="list-style-type: none"> <li>1. Watertight demonstration tray 20.0inches x 4.25inches x 2.0inches (minimum)</li> <li>2. Three pieces of flexible colored foam</li> <li>3. Three pieces fault structures <ol style="list-style-type: none"> <li>a. Made of 6 colored layer of rubber or plastic</li> <li>b. Dimension: 13inches x 4.75inches x 3.5inches Tolerance <math>\pm 1</math></li> <li>c. can demonstrates normal, reverse and slide slip fault</li> </ol> </li> </ol>		

		<ol style="list-style-type: none"> <li>4. Erupting 5.0inches x 5.0inches minimum volcano for demonstration</li> <li>5. With English User's Manual that includes Guide on how to assemble and use the model.</li> <li>6. For geological study</li> <li>7. Must be branded.</li> </ol> <p>* "Imported products should pass international quality control product standards and have international quality control product markings such as CE, ISO, ASTM, ASQC, AFCIQ, ASQ, DGQ, EOQC, IQA, and the likes, while locally made products (Philippine-made) should pass the local quality control product standards and bear the PS mark." made) should pass the local quality control product standards and bear the PS mark."</p>		
	<p>Laser Light, line laser type</p>	<p>The item shall have the following specifications:</p> <ol style="list-style-type: none"> <li>1. Pen type laser, red output</li> <li>2. Powered by, 2-1.5volts size AAA dry cells</li> <li>3. With ON-OFF switch</li> <li>4. Body dimensions: 12 mm diameter x 135 mm (minimum)</li> <li>5. Function: Should be able to project clearly a laser spot to a distance of 5 meters minimum</li> </ol> <p>* "Imported products should pass international quality control product standards and have international quality control product markings such as CE, ISO, ASTM, ASQC, AFCIQ, ASQ, DGQ, EOQC, IQA, and the likes, while locally made products (Philippine-made) should pass the local quality control product standards and bear the PS mark." made) should pass the local quality control product standards and bear the PS mark."</p>		

	<p>Lens Paper, 50's/pack</p>	<p>The item shall have the following specifications:</p> <ol style="list-style-type: none"> <li>1. Measures 4inches x 6inches (101.6mm ± 1mm x 152.4mm ± 1mm);</li> <li>2. Fine, soft, silk-like paper; 50 sheets/pack;</li> <li>3. Never scratches objectives and glass lenses;</li> <li>4. For cleaning microscope slides, microscope objectives and other lenses;</li> <li>5. Must be branded.</li> </ol> <p>* "Imported products should pass international quality control product standards and have international quality control product markings such as CE, ISO, ASTM, ASQC, AFCIQ, ASQ, DGQ, EOQC, IQA, and the likes, while locally made products (Philippine-made) should pass the local quality control product standards and bear the PS mark." made) should pass the local quality control product standards and bear the PS mark."</p>		
	<p>Miniature Light Bulb Holder Assembly</p>	<p>The item shall have the following specifications:</p> <ol style="list-style-type: none"> <li>1. Socket to match the miniature incandescent light bulb, socket in plastic housing;</li> <li>2. Socket housing is mounted on black, plastic base: Base dimensions minimum : 12 mm x 60 mm x 95 mm, material thickness: 2 mm minimum</li> <li>3. Binding post terminals, threaded, can accommodate 4 mm banana plug, brass material, with yellow plastic insulation;</li> <li>4. Connecting wires properly soldered to eyelet of binding posts;</li> <li>5. Branded</li> </ol>		

		<p>* "Imported products should pass international quality control product standards and have international quality control product markings such as CE, ISO, ASTM, ASQC, AFCIQ, ASQ, DGQ, EOQC, IQA, and the likes, while locally made products (Philippine-made) should pass the local quality control product standards and bear the PS mark." made) should pass the local quality control product standards and bear the PS mark."</p>		
	Mirror Set, acrylic	<p>The item shall have the following specifications:</p> <ol style="list-style-type: none"> <li>1. Set of 3 spherical mirrors, acrylic, secured in compartmentalized storage box with the following types and diameters: <ul style="list-style-type: none"> <li>1-plane mirror, 50 mm ±2 mm</li> <li>1-concave mirror, 50 mm ±2 mm</li> <li>1-convex mirror, 50 mm ±2 mm</li> </ul> </li> <li>2. All mirrors free from sharp edges;</li> <li>3. Should be clear and no sign of cloudiness</li> <li>4. Should be able to reflect expected image/s of light source on screen;</li> <li>5. Branded.</li> </ol> <p>* "Imported products should pass international quality control product standards and have international quality control product markings such as CE, ISO, ASTM, ASQC, AFCIQ, ASQ, DGQ, EOQC, IQA, and the likes, while locally made products (Philippine-made) should pass the local quality control product standards and bear the PS mark." made) should pass the local quality control product standards and bear the PS mark."</p>		
	Pair of Bar Magnets	<p>The item shall have the following specifications:</p>		

		<ol style="list-style-type: none"> <li>1. Rectangular Permanent Magnet with an attractive force that can carry a load twice its weight.</li> <li>2. Minimum Size: 145 mm x 10 mm x 5 mm</li> <li>3. Comes in pair</li> <li>4. Marked polarity; the North poles are painted blue.</li> </ol> <p>* "Imported products should pass international quality control product standards and have international quality control product markings such as CE, ISO, ASTM, ASQC, AFCIQ, ASQ, DGQ, EOQC, IQA, and the likes, while locally made products (Philippine-made) should pass the local quality control product standards and bear the PS mark." made) should pass the local quality control product standards and bear the PS mark."</p>		
	Prism	<p>The item shall have the following specifications:</p> <ol style="list-style-type: none"> <li>1. Right angle prism, acrylic, with the following minimum dimension: <ul style="list-style-type: none"> <li>thickness: 12 mm minimum</li> <li>base = 40 mm minimum</li> <li>height = 65 mm minimum</li> </ul> </li> <li>2. Secured in storage casing;</li> <li>3. Free from sharp edges, free from pointed corners;</li> <li>4. Should be clear and no sign of cloudiness;</li> <li>5. Branded.</li> </ol> <p>* "Imported products should pass international quality control product standards and have international quality control product markings such as CE, ISO, ASTM, ASQC, AFCIQ, ASQ, DGQ, EOQC, IQA, and the likes, while locally made products (Philippine-made) should pass the local quality control product standards and bear the</p>		

		PS mark." made) should pass the local quality control product standards and bear the PS mark."		
	Reaction Plates with 6 Wells	<p>The item shall have the following specifications:</p> <ol style="list-style-type: none"> <li>1. Made of clear plastic</li> <li>2. Plate Shape: Rectangular</li> <li>3. Plate Length: 110 mm-120mm</li> <li>4. Plate Width: 85 mm -100mm</li> <li>5. Six Well per Plate</li> <li>6. Well Shape: Circular/ Round</li> <li>7. Well diameter: 30 mm -35 mm</li> <li>8. Well deep: 6mm-8mm</li> <li>9. Well capacity: 1.6 mL -2.0mL</li> <li>10. Used for soil and water testing</li> <li>11. Must be branded.</li> </ol> <p>* "Imported products should pass international quality control product standards and have international quality control product markings such as CE, ISO, ASTM, ASQC, AFCIQ, ASQ, DGQ, EOQC, IQA, and the likes, while locally made products (Philippine-made) should pass the local quality control product standards and bear the PS mark." made) should pass the local quality control product standards and bear the PS mark."</p>		
	Ring and Ball Apparatus	<p>The item shall have the following specifications:</p> <ol style="list-style-type: none"> <li>1. The ring and ball set demonstrates thermal expansion.</li> <li>2. Comprising of a captive brass ball secured to a mounted brass ring by a chain.</li> <li>3. Diameter of Ball: 25.00mm +/- 0.01mm, smooth surface</li> <li>4. Inside Diameter of Ring: 25.04mm +/- 0.01m, smooth surface</li> <li>5. Outside Diameter of Ring: minimum of 38mm</li> <li>6. Thickness of Ring: 6 mm minimum</li> <li>7. Diameter of Brass Stem: 5mm</li> <li>8. Handle of brass ring made of wood.</li> <li>9. Chain is made of stainless steel with a 3-turn stainless wire ring to keep</li> </ol>		

		<p>the ball in the chain specially during heating.</p> <p>10. Must be branded</p> <p>* "Imported products should pass international quality control product standards and have international quality control product markings such as CE, ISO, ASTM, ASQC, AFCIQ, ASQ, DGQ, EOQC, IQA, and the likes, while locally made products (Philippine-made) should pass the local quality control product standards and bear the PS mark." made) should pass the local quality control product standards and bear the PS mark."</p>		
	<p>Safety Goggles, polycarbonate</p>	<p>The item shall have the following specifications.</p> <ol style="list-style-type: none"> <li>1. Polycarbonate goggle lens with 180° panoramic view</li> <li>2. Firm comfortable seal around forehead, cheeks, nose and temples protects against chemicals, dust and grindings</li> <li>3. Medium strap slotted to prevent slippage and holds the goggle more securely and safely.</li> <li>4. Shall bear mark Z87+ to indicate an impact protector type (ANSI Z87.1, EN 166 or CSA Z94.3 certification compliance)</li> <li>5. For eye protection</li> </ol> <p>* "Imported products should pass international quality control product standards and have international quality control product markings such as CE, ISO, ASTM, ASQC, AFCIQ, ASQ, DGQ, EOQC, IQA, and the likes, while locally made products (Philippine-made) should pass the local quality control product standards and bear the PS mark." made) should pass the local quality control product standards and bear the PS mark."</p>		

	Slinky Coil, metal	<p>The item shall have the following specifications.</p> <ol style="list-style-type: none"> <li>1. 3 inches diameter x 4 inches long minimum</li> <li>2. zinc or nickel plated</li> </ol> <p>* "Imported products should pass international quality control product standards and have international quality control product markings such as CE, ISO, ASTM, ASQC, AFCIQ, ASQ, DGQ, EOQC, IQA, and the likes, while locally made products (Philippine-made) should pass the local quality control product standards and bear the PS mark." made) should pass the local quality control product standards and bear the PS mark."</p>		
	Stopwatch, digital	<p>The item shall have the following specifications:</p> <ol style="list-style-type: none"> <li>1. Digital type, water-resistant</li> <li>2. Start, stop, and re-set operations</li> <li>3. Display Number size: 4mm W x 10mm H</li> <li>4. Measure Unit: 1/100th of a second</li> <li>5. Working Range: up to 23hr 59min 59sec</li> <li>6. Comes with dry cell and ready for use.</li> <li>7. Individually and properly packed in a box.</li> <li>8. With English User's Manual that includes Operational Guide and Replacement battery.</li> <li>9. W x H x T: 60mm x 67mm x 20mm minimum</li> <li>10. Must be branded.</li> </ol> <p>* "Imported products should pass international quality control product standards and have international quality control product markings such as CE, ISO, ASTM, ASQC, AFCIQ, ASQ, DGQ, EOQC, IQA, and the likes, while locally made products (Philippine-made) should pass the local quality control product standards and bear the PS mark." made) should pass the local</p>		

		quality control product standards and bear the PS mark."		
	Surgical Gloves	<p>The item shall have the following specifications:</p> <ol style="list-style-type: none"> <li>1. Sterile latex surgical gloves for single use</li> <li>2. Medium size or size 8</li> <li>3. Individually packed pair of gloves</li> <li>4. 100 pcs/box</li> <li>5. High strength and elasticity, tear-free cuff</li> <li>6. For hand protection</li> <li>7. Must be branded.</li> </ol> <p>* "Imported products should pass international quality control product standards and have international quality control product markings such as CE, ISO, ASTM, ASQC, AFCIQ, ASQ, DGQ, EOQC, IQA, and the likes, while locally made products (Philippine-made) should pass the local quality control product standards and bear the PS mark." made) should pass the local quality control product standards and bear the PS mark."</p>		
	Test Tube Brush	<p>The item shall have the following specifications:</p> <ol style="list-style-type: none"> <li>1. Stiff, white nylon bristles with a radial-tufted tip bristles fastened to rust-free galvanized wire</li> <li>2. Brush portion: Dia. 18 mm x 76 mm Length</li> <li>3. Over-all length range: 240 mm to 300 mm</li> </ol> <p>* "Imported products should pass international quality control product standards and have international quality control product markings such as CE, ISO, ASTM, ASQC, AFCIQ, ASQ, DGQ, EOQC, IQA, and the likes, while locally made products (Philippine-made) should pass the local quality control product standards and bear the PS mark." made) should pass the local</p>		

		quality control product standards and bear the PS mark."		
	Toploading Electronic Balance	<p>The item shall have the following specifications.</p> <ol style="list-style-type: none"> <li>1. Load/Capacity: 500g</li> <li>2. With standard 500 g mass provided</li> <li>3. Readability/Accuracy: 0.01g</li> <li>4. Power Supply: 220-240V/50Hz</li> <li>5. With large LCD display; Stainless steel pan</li> <li>6. With multiple weighing units and overload protection</li> <li>7. Automatic calibration; Standard RS 232 interface</li> <li>8. Parts counting and percentage weighing</li> <li>9. Includes Operations manual in English</li> <li>10. Measures an object's mass up to 500g capacity</li> <li>11. Must be branded</li> </ol> <p>* "Imported products should pass international quality control product standards and have international quality control product markings such as CE, ISO, ASTM, ASQC, AFCIQ, ASQ, DGQ, EOQC, IQA, and the likes, while locally made products (Philippine-made) should pass the local quality control product standards and bear the PS mark." made) should pass the local quality control product standards and bear the PS mark."</p>		
	Tornado Vortex Bottle Connector	<p>The item shall have the following specifications:</p> <ol style="list-style-type: none"> <li>1. Connects any two pieces of 1.5 Liter- 2 Liter plastic bottle.</li> <li>2. Any color and made of plastic</li> <li>3. In the middle contains 5 mm -8 mm hole in diameter which serve as passage of water from one bottle to another.</li> </ol>		

		<ol style="list-style-type: none"> <li>4. Outside diameter range: 30 mm - 35mm; Inside diameter range: 26 mm -29 mm</li> <li>5. The setup can be used to demonstrate water vortex or hurricane.</li> <li>6. Spill proof and crack free</li> <li>7. Reusable</li> <li>8. Must be branded.</li> </ol> <p>* "Imported products should pass international quality control product standards and have international quality control product markings such as CE, ISO, ASTM, ASQC, AFCIQ, ASQ, DGQ, EOQC, IQA, and the likes, while locally made products (Philippine-made) should pass the local quality control product standards and bear the PS mark." made) should pass the local quality control product standards and bear the PS mark."</p>		
	<p>Universal pH Paper, pH 0-14, 100 strips/pack</p>	<p>The item shall have the following specifications:</p> <ol style="list-style-type: none"> <li>1. Indicator test strip in four colors to test pH values;</li> <li>2. 100 strips in a transparent box;</li> <li>3. With complete color chart;</li> <li>4. Dimension (L x W): 69 mm (± 1 mm) x 6 mm (± 1 mm)</li> <li>5. Measures the pH of a substance or a solution indicating its acidity or alkalinity in comparison with a pH color chart;</li> <li>6. Must be branded.</li> </ol> <p>* "Imported products should pass international quality control product standards and have international quality control product markings such as CE, ISO, ASTM, ASQC, AFCIQ, ASQ, DGQ, EOQC, IQA, and the likes, while locally made products (Philippine-made) should pass the local quality control product standards and bear the PS mark." made) should pass the local quality control product standards and bear the PS mark."</p>		

LOT NO.	ITEM	SPECIFICATION	Bidder's Statement of Compliance	Bidder's Actual Offer
5	Bunsen Burner, gas-type	<p>The item shall have the following specifications:</p> <ol style="list-style-type: none"> <li>1. Aluminum burner tube: 11-13 mm diameter;</li> <li>2. With stabilizer top and serrated inlet tube;</li> <li>3. Over-all height: 152-155 mm;</li> <li>4. With air regulator collar;</li> <li>5. With threaded gas needle valve (located opposite to serrated inlet tube);</li> <li>6. Nickel-plated zinc-alloy base;</li> <li>7. Used for heating, sterilization, and combustion purposes.</li> </ol> <p>* "Imported products should pass international quality control product standards and have international quality control product markings such as CE, ISO, ASTM, ASQC, AFCIQ, ASQ, DGQ, EOQC, IQA, and the likes, while locally made products (Philippine-made) should pass the local quality control product standards and bear the PS mark." made) should pass the local quality control product standards and bear the PS mark."</p>		
	Cup Anemometer with Wind Vane, handheld, digital direct reading	<p>The item shall have the following specifications.</p> <ol style="list-style-type: none"> <li>1. Wind speed is displayed in m/s</li> <li>2. Wind direction is variable and these units record accurately from any direction</li> <li>3. Body Color: Any Color</li> <li>4. Measuring Range: 0-30m/s (Wind Speed)</li> <li>5. Wind Speed Parameters: Current Wind Speed, Average Wind Speed, Current Wind Level Average Wind Level, Corresponding to Waves</li> </ol>		

		<ol style="list-style-type: none"> <li>6. Display Resolution: 0.1m/s (Wind Speed), 1(Wind Level), 0.1m(Waves)</li> <li>7. Measuring Range: 0-360°, 16 Directions (Wind Direction)</li> <li>8. Starting Wind Speed: 1.0m/s (Wind Direction)</li> <li>9. Measuring Accuracy: ±1/2 (Wind Direction)</li> <li>10. N point to the North</li> <li>11. With English User's Manual that includes Operation Guide and Guide on Proper Handling and Storage.</li> <li>12. Must be branded.</li> </ol> <p>* "Imported products should pass international quality control product standards and have international quality control product markings such as CE, ISO, ASTM, ASQC, AFCIQ, ASQ, DGQ, EOQC, IQA, and the likes, while locally made products (Philippine-made) should pass the local quality control product standards and bear the PS mark." made) should pass the local quality control product standards and bear the PS mark."</p>		
	<p>Helical Spring</p>	<p>The item shall have the following specifications:</p> <ol style="list-style-type: none"> <li>1. Wire material: Galvanized Spring Steel Wire.</li> <li>2. Unstretched Length range: 1.82 meter to 1.84 meter;</li> <li>3. Can be stretched to 3 times its length without deformation;</li> <li>4. Coil Outside Diameter: 20 mm to 22mm;</li> <li>5. Wire Diameter: 1.25 mm to 1.43mm;</li> <li>6. Weight of Spring: 805 grams to 815 grams;</li> <li>7. Number of turns per centimeter: 7 to 8;</li> <li>8. With circular hooks (on both ends), hook diameter is 20 mm;</li> <li>9. Comes in a carton or box made from cardboard.</li> </ol> <p>* "Imported products should pass international quality control product</p>		

		<p>standards and have international quality control product markings such as CE, ISO, ASTM, ASQC, AFCIQ, ASQ, DGQ, EOQC, IQA, and the likes, while locally made products (Philippine-made) should pass the local quality control product standards and bear the PS mark." made) should pass the local quality control product standards and bear the PS mark."</p>		
	<p>LPG tank with Gas, 11 kg. capacity, with accessories</p>	<p>The item shall have the following specification:</p> <ol style="list-style-type: none"> <li>1. Steel made cylinder; 11kg capacity;</li> <li>2. In good condition (rust-free, with no dents, and newly painted)</li> <li>3. With tank regulator securely connected to the cylinder valve and which fits perfectly the heavy duty 1/4 " steel wire reinforced LPG rubber hose = 1.5 m long;</li> <li>4. With control valve regulator which screws into directly with brass barb to attach the gas line onto the LPG tank. Protruding from the side is a 1/4" serrated brass barb to attach the gas line, which has a high-medium-low range, with gas pressure gauge, With safety pin, automatic shut-off safety feature, and built-in Excess Flow safety device</li> <li>5. With 2 pc stainless steel hose clamp set to attach the heavy duty steel wire reinforced LPG rubber hose to tank regulator and Bunsen burner</li> <li>6. Gas regulator connection must be compatible with the gas tank</li> <li>7. Supplies fuel to the Bunsen burner;</li> <li>8. Must have a BRAND.</li> </ol> <p>* "Imported products should pass international quality control product standards and have international quality control product markings such as CE, ISO, ASTM, ASQC, AFCIQ, ASQ, DGQ, EOQC, IQA, and the likes, while locally made products (Philippine-made) should pass the local quality control product standards and bear the</p>		

		PS mark." made) should pass the local quality control product standards and bear the PS mark."		
	Magnetic Compass	<p>The item shall have the following specifications:</p> <ol style="list-style-type: none"> <li>1. Outside Diameter: 48 mm to 52 mm</li> <li>2. Needle mounted in an Aluminum case with clear, scratch-free plastic or glass face</li> <li>3. Graduated dial marked in cardinal points (North, South, West, East, Northwest, Northeast, Southwest, and Southeast).</li> <li>4. Must be branded.</li> </ol> <p>* "Imported products should pass international quality control product standards and have international quality control product markings such as CE, ISO, ASTM, ASQC, AFCIQ, ASQ, DGQ, EOQC, IQA, and the likes, while locally made products (Philippine-made) should pass the local quality control product standards and bear the PS mark." made) should pass the local quality control product standards and bear the PS mark."</p>		
	pH Meter, range 0 to 14 pH	<p>The item shall have the following specifications:</p> <ol style="list-style-type: none"> <li>1. Portable digital pen type; with <b>retractable</b> electrode; waterproof;</li> <li>2. pH range: 0 to 14; with automatic temperature compensation;</li> <li>3. With one bottle of pH 7.0 buffer solution;</li> <li>4. Features a bold LCD display of pH;</li> <li>5. Supplied with protective cap, calibration screwdriver, hard carry case and 9V battery;</li> <li>6. Instruction and lab manual included, in English.</li> <li>7. Measures the pH of a substance or solution indicating its acidity or alkalinity;</li> <li>8. Must have a BRAND.</li> </ol>		

		<p>* "Imported products should pass international quality control product standards and have international quality control product markings such as CE, ISO, ASTM, ASQC, AFCIQ, ASQ, DGQ, EOQC, IQA, and the likes, while locally made products (Philippine-made) should pass the local quality control product standards and bear the PS mark." made) should pass the local quality control product standards and bear the PS mark."</p>		
Prism	<p>The item shall have the following specifications:</p> <p>6. Right angle prism, acrylic, with the following minimum dimension:</p> <p style="padding-left: 40px;">thickness: 12 mm minimum base = 40 mm minimum height = 65 mm minimum</p> <p>7. Secured in storage casing; 8. Free from sharp edges, free from pointed corners; 9. Should be clear and no sign of cloudiness; 10. Branded.</p> <p>* "Imported products should pass international quality control product standards and have international quality control product markings such as CE, ISO, ASTM, ASQC, AFCIQ, ASQ, DGQ, EOQC, IQA, and the likes, while locally made products (Philippine-made) should pass the local quality control product standards and bear the PS mark." made) should pass the local quality control product standards and bear the PS mark."</p>			
Rain Gauge	<p>The item shall have the following specifications.</p>			

		<ol style="list-style-type: none"> <li>1. Made of clear and transparent plastic.</li> <li>2. Inner tube scale measures 23 mm - 26 mm for accuracy with large outer cylinder, total capacity range: 280 mm -285mm.</li> <li>3. Permanently marked with easy to read graduated dual scale in Metric and English units or single scale in Metric units.</li> <li>4. Removable inside funnel and measuring tube</li> <li>5. Rainfall exceeding range 23mm -26 mm flows into outer cylinder (located on the top of the removable funnel)</li> <li>6. Open access for easy cleaning.</li> <li>7. Readily be mounted on post, bracket is <b>made</b> of plastic.</li> <li>8. Must be branded.</li> </ol> <p>* "Imported products should pass international quality control product standards and have international quality control product markings such as CE, ISO, ASTM, ASQC, AFCIQ, ASQ, DGQ, EOQC, IQA, and the likes, while locally made products (Philippine-made) should pass the local quality control product standards and bear the PS mark." made) should pass the local quality control product standards and bear the PS mark."</p>		
	Resistance Board	<p>The item shall have the following specifications:</p> <ol style="list-style-type: none"> <li>1. Board: dimensions-height: 30mm, width: 120 mm length: 650 mm minimum, material plastic, channel type, thickness of material: 1/8 inches minimum free of warpage and other imperfection like flushes etc;</li> <li>2. Board is mounted with the following wires:</li> </ol>		

		<p>Nichrome wires of 2 different diameters: 0.25 mm and 0.5 mm, length: 600 mm</p> <p>1 - Stainless steel wire diameter: 0.5 mm, length: 600 mm</p> <p>1 - Copper wire diameter: 0.5 mm, length: 600 mm</p> <p>3. Board should be marked by decimeter graduations that only span along entire wires' length;</p> <p>4. All wires should be rigidly fastened to the terminal posts, stainless steel;</p> <p>5. Must be Branded.</p> <p>* "Imported products should pass international quality control product standards and have international quality control product markings such as CE, ISO, ASTM, ASQC, AFCIQ, ASQ, DGQ, EOQC, IQA, and the likes, while locally made products (Philippine-made) should pass the local quality control product standards and bear the PS mark." made) should pass the local quality control product standards and bear the PS mark."</p>		
	<p>Rock Samples, 24 pcs/set, (minerals of 3 rock types)</p>	<p>The item shall have the following specifications:</p> <p>1. Samples/references for in identifying and classifying rocks.</p> <p>2. Boxed mineral and rock collection. Should have at least 24 samples comprising minerals: 8 types igneous, 8 types sedimentary, and 8 types metamorphic rocks.</p> <p>3. Rock size: 8 cm<sup>3</sup> -20cm<sup>3</sup> (8 mL - 20mL by water displacement)</p> <p>4. Samples are individually bagged in appropriate size transparent plastic and numbered and correspond to the description in the lid of the box. Each rock name should be accompanied with rock type, Example: "Basalt" (igneous)</p>		

		<p>5. The box is made of sturdy plastic, compartmentalized for each sample.</p> <p>* "Imported products should pass international quality control product standards and have international quality control product markings such as CE, ISO, ASTM, ASQC, AFCIQ, ASQ, DGQ, EOQC, IQA, and the likes, while locally made products (Philippine-made) should pass the local quality control product standards and bear the PS mark." made) should pass the local quality control product standards and bear the PS mark."</p>		
	<p>Sedimentator Tube</p>	<p>The item shall have the following specifications.</p> <ol style="list-style-type: none"> <li>1. 11inches -12inches height with a diameter of 1 inch minimum</li> <li>2. Sealed and leak free</li> <li>3. The body made of clear, transparent plastic tube.</li> <li>4. With different sediment and water</li> <li>5. Functions: <ol style="list-style-type: none"> <li>a. Use for observing movement, deposition, and layering of sediments and organic materials.</li> <li>b. Observations apply to sedimentary rock formation and fossil formation</li> </ol> </li> <li>6. With English User's Manual that includes <ol style="list-style-type: none"> <li>a. operation guide.</li> <li>b. Guide on how to use</li> <li>c. Student Activity Sheets</li> </ol> </li> <li>7. Must be branded</li> </ol> <p>* "Imported products should pass international quality control product standards and have international quality control product markings such as CE, ISO, ASTM, ASQC, AFCIQ, ASQ, DGQ, EOQC, IQA, and the likes, while locally made products (Philippine-made) should pass the local quality control product standards and bear the PS mark." made) should pass the local</p>		

		quality control product standards and bear the PS mark."		
	Sling Psychrometer	<p>The item shall have the following specifications.</p> <ol style="list-style-type: none"> <li>1. Composed of two red spirit thermometer in Celsius with temperature ranges: -5°C to +50 °C</li> <li>2. Equipment Size: (7 -8 inches long x 1-2inches diameter)</li> <li>3. Built -in Psychrometer Water Reservoir</li> <li>4. Includes a wick for Wet Bulb</li> <li>5. Wick Replacement Kit- containing 4 wicks</li> <li>6. Build in Slide rule construction for quick conversion temperature reading to relative humidity</li> <li>7. Includes additional two thermometers for replacement with individual plastic or hardboard case</li> <li>8. Easy to rotate to determine the relative humidity.</li> <li>9. With English User's Manual that includes: <ol style="list-style-type: none"> <li>a. Operation Guide</li> <li>b. Maintenance</li> </ol> </li> <li>10. Must be branded</li> </ol> <p>* "Imported products should pass international quality control product standards and have international quality control product markings such as CE, ISO, ASTM, ASQC, AFCIQ, ASQ, DGQ, EOQC, IQA, and the likes, while locally made products (Philippine-made) should pass the local quality control product standards and bear the PS mark." made) should pass the local quality control product standards and bear the PS mark."</p>		
	Soil pH, Moisture, Sunlight Meter	<p>The item shall have the following specifications.</p> <ol style="list-style-type: none"> <li>1. Used to measure the Soil Moisture, pH and illumination distribution of soil.</li> </ol>		

		<ol style="list-style-type: none"> <li>2. Compose of two electrodes, 7 inches -10 inches</li> <li>3. pH/ Moisture/ Sunlight Switch</li> <li>4. pH Range: 3.5 - 8 pH (3.5-6.5 Acidic, 7-8 Alkaline)</li> <li>5. Moisture Range: 1-10 (1-3 Dry; 4-6 Normal; and 7-10 Wet)</li> <li>6. Light Range: 0 - 2000 lux (0-200 Low, 200-500 Low+, 500-1000 Normal, and 1000-2000 High)</li> <li>7. With English User's Manual that includes Operation Guide <ol style="list-style-type: none"> <li>a. Operation Guide</li> <li>b. Procedure on the proper use, handling and storage.</li> <li>c. Student Activity in using the item.</li> </ol> </li> <li>8. Must be branded.</li> </ol> <p>* "Imported products should pass international quality control product standards and have international quality control product markings such as CE, ISO, ASTM, ASQC, AFCIQ, ASQ, DGQ, EOQC, IQA, and the likes, while locally made products (Philippine- made) should pass the local quality control product standards and bear the PS mark." made) should pass the local quality control product standards and bear the PS mark."</p>		
	Soil Sieve	<p>The item shall have the following specifications:</p> <ol style="list-style-type: none"> <li>1. Diameter range: 8 inches - 10 inches</li> <li>2. Mesh sizes: 5 Mesh, 10 mesh, 35 Mesh, 60 mesh, 120 mesh, and 230 mesh</li> <li>3. Made of stainless steel metal</li> <li>4. Set of Six Sieves</li> <li>5. Includes lid and catch pan</li> <li>6. Must be branded</li> </ol>		

		<p>* "Imported products should pass international quality control product standards and have international quality control product markings such as CE, ISO, ASTM, ASQC, AFCIQ, ASQ, DGQ, EOQC, IQA, and the likes, while locally made products (Philippine-made) should pass the local quality control product standards and bear the PS mark." made) should pass the local quality control product standards and bear the PS mark."</p>		
	<p>Switch, knife-type</p>	<p>The item shall have the following specifications:</p> <ol style="list-style-type: none"> <li>1. Single pole Single Throw Knife type switch Knife dimensions minimum: 0.8 mm x 8 mm x 55 mm, nickel plated brass</li>   <li>Plastic handle dimensions minimum: 9 mm x 9 mm x 23 mm</li> <li>2. Contact plates for knife dimensions minimum: 8 mm x 20 mm, nickel plated brass, thickness of material 0.5 mm minimum</li> <li>3. Knife switch-contact plates assembly mounted on black plastic base: 12 mm x 60 mm x 95 mm minimum, thickness of base: 2 mm minimum,</li> <li>4. Binding post terminals, threaded, can accommodate 4 mm banana plug, brass material, with yellow plastic encapsulation</li> <li>5. Internal connectors properly soldered to eyelet of binding posts;</li> <li>6. Switch fixations should survive 100 continuous on-off operation cycles, without signs of wear and tear</li> </ol> <p>* "Imported products should pass international quality control product standards and have international quality control product markings such as CE, ISO, ASTM, ASQC, AFCIQ, ASQ,</p>		

		<p>DGQ, EOQC, IQA, and the likes, while locally made products (Philippine-made) should pass the local quality control product standards and bear the PS mark." made) should pass the local quality control product standards and bear the PS mark."</p>		
	<p>Tectonics Demonstrator Model (Demonstration Kit)</p>	<p>The item shall have the following specifications:</p> <ol style="list-style-type: none"> <li>1. Tectonic container must be: <ul style="list-style-type: none"> <li>Length Range: 10 range -13 inches</li> <li>Width Range 6 range -8 inches</li> <li>Height Range 3 range - 5 inches</li> <li>Shape: Rectangular</li> </ul> </li> <li>2. The model contains the following: <ol style="list-style-type: none"> <li>a. Two pieces L-shaped plastic plates with screw type long push handles</li> <li>b. One piece Rectangular / Square plastic plates with screw type short push handle used to flatten the sand inside the tectonic container.</li> <li>c. 12 pieces of washers</li> <li>d. 12 pieces of nuts</li> <li>e. Includes 1kilogram yellow sand and 1 kilograms green sand.</li> </ol> </li> <li>3. Clearly demonstrate the powerful forces of tectonic processes with this easy-to-use, hands-on model</li> <li>4. Simulate the formation of folds, faults, erosion, tectonics, compression and rift valleys.</li> <li>5. With English User's Manual that includes <ol style="list-style-type: none"> <li>a. Operation Guide</li> <li>b. Guide on how to assemble the model.</li> <li>c. Guide on how to use the model with pictures</li> <li>d. Student Activity Sheets</li> </ol> </li> <li>6. Must be branded.</li> </ol>		

		<p>* "Imported products should pass international quality control product standards and have international quality control product markings such as CE, ISO, ASTM, ASQC, AFCIQ, ASQ, DGQ, EOQC, IQA, and the likes, while locally made products (Philippine-made) should pass the local quality control product standards and bear the PS mark." made) should pass the local quality control product standards and bear the PS mark."</p>		
	<p>Ticker Timer Set</p>	<p>The item shall have the following specifications:</p> <ol style="list-style-type: none"> <li>1. Operates between 6 to 12V a.c. and produces dots on the tape using a carbon paper disc at frequency the same with the mains. Has a rugged plastic base and screw type binding posts</li> <li>2. Supplied with: 40mm carbon paper disc (100pcs) 15mm wide ticker tape (3 rolls)  c-clamp</li> <li>3. Must be branded.</li> </ol> <p>* "Imported products should pass international quality control product standards and have international quality control product markings such as CE, ISO, ASTM, ASQC, AFCIQ, ASQ, DGQ, EOQC, IQA, and the likes, while locally made products (Philippine-made) should pass the local quality control product standards and bear the PS mark." made) should pass the local quality control product standards and bear the PS mark."</p>		

LOT NO.	ITEM	SPECIFICATION	Bidder's Statement of Compliance	Bidder's Actual Offer
6	Beam Balance, double platform, 2000-gram capacity	<p>The item shall have the following specifications:</p> <ol style="list-style-type: none"> <li>1. Used for comparative weighing to determine the difference in mass between two (2) objects, the double-platform, double beam balance with built-in sliding masses.</li> <li>2. Capacity: 2,000 grams.</li> <li>3. Base and beams are made of metals, corrosion resistant.</li> <li>4. Weigh Beam Capacity x Readability: 10 g x 0.1 g, with sliding mass 200 g x 10 g, notched every 10g intervals on which its rider will seat in a definite and correct position firmly without appreciable movement. .</li> <li>5. Platform: stainless steel pan, Ø15.2 cm</li> <li>6. Dimensions (w x d x h): 35.5 cm x 24.1 cm x 17.8 cm</li> <li>7. Precision/Accuracy: measures +/- 1% of the actual mass for at least three consecutive trials.</li> <li>8. Comes with a plastic storage case.</li> <li>9. Should include an Instruction Manual on proper use and care in English.</li> <li>10. Comes with four (4) Weights, has permanent label on body indicating its weight, the following are: <ol style="list-style-type: none"> <li>10.1) 1 pc. 1,000-gram Weight</li> <li>10.2) 1 pc. 500-gram Weight</li> <li>10.3) 1 pc. 200-gram Weight</li> <li>10.4) 1 pc. 100-gram Weight</li> </ol> </li> <li>11. These four weights are packed in a hard plastic storage case.</li> <li>12. Must be <b>branded</b>.</li> </ol>		

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	Compass (for Student)	<p>The item shall have the following specifications:</p> <ol style="list-style-type: none"> <li>1. Compass, two legs, stainless steel;</li> <li>2. Length: 150 mm <math>\pm</math> 2 mm</li> <li>3. With pencil adaptor attached at or integrated on one end of one of the legs. The said adaptor must be able to adapt, also, to any kind of pencil available in the local market;</li> <li>4. Stainless Steel Surface Finish: Well-polished and smooth;</li> <li>5. Comes with transparent plastic case or box;</li> <li>6. Must be <b>branded</b>.</li> </ol> <p>* "Imported products should pass international quality control product standards and have international quality control product markings such as CE, ISO, ASTM, ASQC, AFCIQ, ASQ, DGQ, EOQC, IQA, and the likes, while locally made products (Philippine-made) should pass the local quality control product standards and bear the PS mark." made) should pass the local quality control product standards and bear the PS mark."</p>		
	Geoboard, 11 x 11	<p>The item shall have the following specifications:</p> <ol style="list-style-type: none"> <li>1. Double sided geoboard - square pattern on one side (11 x 11), circle on the other;</li> <li>2. Made of sturdy plastic material and comes in any color;</li> </ol>		

		<ol style="list-style-type: none"> <li>3. The surfaces and edges must be smooth, no warps, must sits flat when laid on the table;</li> <li>4. Board Dimensions (W x L): 230 mm x 230 mm (<math>\pm 2</math> mm)</li> <li>5. Edging Height (all sides): 6 mm <math>\pm 0.2</math> mm from the board;</li> <li>6. Board and Edging Thickness: 3 mm <math>\pm 0.2</math> mm</li> <li>7. Array Pin Diameter: 3 mm <math>\pm 0.1</math> mm</li> <li>8. Array Pin Height: 5 mm <math>\pm 0.1</math> mm</li> <li>9. Comes with a transparent plastic case;</li> <li>10. Comes with Instruction Manual in English with illustrations;</li> <li>11. Comes with assorted size and color rubber bands (25 pcs);</li> <li>12. Must be branded.</li> </ol> <p>* "Imported products should pass international quality control product standards and have international quality control product markings such as CE, ISO, ASTM, ASQC, AFCIQ, ASQ, DGQ, EOQC, IQA, and the likes, while locally made products (Philippine-made) should pass the local quality control product standards and bear the PS mark." made) should pass the local quality control product standards and bear the PS mark."</p>		
	<p>Graphing board, 1.2m x 1m, green, movable</p>	<p>The item shall have the following specifications:</p> <ol style="list-style-type: none"> <li>1. Graphing Board, green, movable, marine plywood</li> <li>2. Dimensions: 1.2 meters x 1 meter</li> <li>3. Board thickness: 12.5 mm <math>\pm 1</math> mm</li> <li>4. The grid horizontal and vertical lines are etched and colored yellow visible at far side in the classroom.</li> <li>5. Grid horizontal lines spacing: 20mm</li> <li>6. Grid vertical lines spacing: 20mm</li> <li>7. With aluminum side frame. With legs and caster wheels for easy movement from one place to another.</li> <li>8. Must be <b>branded</b>.</li> </ol>		

		<p>* "Imported products should pass international quality control product standards and have international quality control product markings such as CE, ISO, ASTM, ASQC, AFCIQ, ASQ, DGQ, EOQC, IQA, and the likes, while locally made products (Philippine-made) should pass the local quality control product standards and bear the PS mark." made) should pass the local quality control product standards and bear the PS mark."</p>		
	<p>Graphing Calculator, non-projectable</p>	<p>The item shall have the following specifications:</p> <ol style="list-style-type: none"> <li>1. Non-projectable Graphing Calculator.</li> <li>2. Stores/calculates/displays input data, complex equations and formulas, graph and or chart.</li> <li>3. Upgradeable operating system. Softwares are accessible via internet and may be downloaded upon receipt of the unit and thereafter.</li> <li>4. Memory: 20 KB-RAM to 32 KB-RAM and 450 KB-ROM to 520 KB-ROM.</li> <li>5. Display size: at least 8 lines x 16 characters per line.</li> <li>6. 7 different graph styles for differentiating the look of each graph drawn.</li> <li>7. Easy access function menus.</li> <li>8. Readily connectable to Personal Computers (comes with connection accessories)</li> <li>9. Operates on dry cells. Comes with dry cells and ready to use.</li> <li>10. Must be <b>branded</b>. Comes with user's manual in English containing operation guide of the featured functions and in replacing the battery.</li> <li>11. Must operate as stated above and in the manual.</li> </ol> <p>* "Imported products should pass international quality control product standards and have international</p>		

		quality control product markings such as CE, ISO, ASTM, ASQC, AFCIQ, ASQ, DGQ, EOQC, IQA, and the likes, while locally made products (Philippine-made) should pass the local quality control product standards and bear the PS mark." made) should pass the local quality control product standards and bear the PS mark."		
	Probability Kit	<p>The item shall have the following specifications or their equivalent:</p> <ol style="list-style-type: none"> <li>1. Demonstrate probability, random and selective sampling.</li> <li>2. Class kit, at least 180 pcs in a box for large group or individual learning. Consist of the following: <ol style="list-style-type: none"> <li>a) 20 to 30 combination of activities and teacher demonstration on cards</li> <li>b) 52 pcs (1 set) playing cards</li> <li>c) 7 to 9 pcs different spinners;</li> <li>d) 40 to 50 pcs coins;</li> <li>e) 10 to 15 pcs polyhedral number dice;</li> <li>f) 2 to 3 pcs dot dice;</li> <li>g) 20 to 30 two color counters or red and yellow chips;</li> <li>h) 2 to 5 pcs coin dice</li> <li>i) 6 to 8 pcs number dice</li> </ol> </li> <li>3. Come with storage container with cover.</li> <li>4. Must be <b>branded</b>.</li> </ol> <p>* "Imported products should pass international quality control product standards and have international quality control product markings such as CE, ISO, ASTM, ASQC, AFCIQ, ASQ, DGQ, EOQC, IQA, and the likes, while locally made products (Philippine-made) should pass the local quality control product standards and bear the PS mark." made) should pass the local quality control product standards and bear the PS mark."</p>		
	Protractor, (for Student)	The item shall have the following specifications:		

		<ol style="list-style-type: none"> <li>1. Protractor, student-type, plastic, transparent, semi-circular, 180°;</li> <li>2. Ø150mm (or 75mm radius), 1mm to 1.5mm thick;</li> <li>3. Angular graduations are in degrees, from 0° to 180°. With two (2) sets of numerals, one reading clockwise and the other reading counterclockwise;</li> <li>4. Linear graduations are in millimeters, from 0 to 150mm.</li> <li>5. With a hole at vertex point enough for a fine string to pass through it;</li> <li>6. Plastic Surface Finish: Smooth, clear, and free from scratches;</li> <li>7. It must be horizontally level when laid flat on a table. There must be no warping;</li> <li>8. Comes with a plastic case;</li> <li>9. Must be <b>branded</b>.</li> </ol> <p>* "Imported products should pass international quality control product standards and have international quality control product markings such as CE, ISO, ASTM, ASQC, AFCIQ, ASQ, DGQ, EOQC, IQA, and the likes, while locally made products (Philippine-made) should pass the local quality control product standards and bear the PS mark." made) should pass the local quality control product standards and bear the PS mark."</p>		
	<p>Scientific Calculator</p>	<p>The item shall have the following specifications:</p> <ol style="list-style-type: none"> <li>1. Display: LCD, 2 lines x 10 to 12 characters, stably shows input-expressions/equation, calculation result, and various indicators.</li> <li>2. Built-in functions not less than 240 inclusions of the following: <ol style="list-style-type: none"> <li>a) Basic Calculations: arithmetic, fraction, percentage, degrees, minutes, seconds, Random</li> <li>b) Memory calculation. Logarithmics. Hyperbolic functions</li> </ol> </li> </ol>		

		<p>c) Statistical functions: Single and Double variable statistic/standard deviation</p> <p>d) Trigonometric functions: Sine, Cosine, Tangent, Arcsine, Arccosine, and Arctangent.</p> <p>3. Basic keys and function keys are labeled permanently (resistant to finger rub and light acid (vinegar) contamination) and operates as such correspondingly.</p> <p>4. Power requirement: two-way dual (battery, built-in solar system), the unit consistently operational after replacing the battery for three trials, its solar system powers the unit normally in a well lit room without the battery.</p> <p>5. Comes with fresh dry cells readily operational upon receipt.</p> <p>6. Key top material: plastic. W x H x T: 73 mm x 145 mm x 10 mm, with dimension tolerance of <math>\pm 2</math> mm.</p> <p>7. Comes with hard plastic cover/case to protect the face.</p> <p>8. Comes with User's Manual in English. Contains operation guide on featured functions and in replacing the battery.</p> <p>9. Must be <b>branded</b>.</p> <p>* "Imported products should pass international quality control product standards and have international quality control product markings such as CE, ISO, ASTM, ASQC, AFCIQ, ASQ, DGQ, EOQC, IQA, and the likes, while locally made products (Philippine-made) should pass the local quality control product standards and bear the PS mark." made) should pass the local quality control product standards and bear the PS mark."</p>		
	Utility Kitchen/Spring Scale	<p>The item shall have the following specifications:</p> <p>1. Maximum Capacity: 1000 grams or 1 kilogram;</p>		

		<ol style="list-style-type: none"> <li>2. Main body W x H x L: 140mm x 110mm x 165mm, with dimension tolerance of <math>\pm 2</math> mm.</li> <li>3. Weighing Pan Diameter: 175mm <math>\pm 2</math> mm.</li> <li>4. Metric unit in grams, division: 5 g;</li> <li>5. Precision/Accuracy: <math>\pm 10</math>g of the actual mass below 250g and <math>\pm 15</math> g of the actual mass 250g to 1kg for at least three consecutive trials.</li> <li>6. Comes with an Instruction Manual in English.</li> <li>7. Must be <b>branded</b>.</li> </ol> <p>* "Imported products should pass international quality control product standards and have international quality control product markings such as CE, ISO, ASTM, ASQC, AFCIQ, ASQ, DGQ, EOQC, IQA, and the likes, while locally made products (Philippine-made) should pass the local quality control product standards and bear the PS mark." made) should pass the local quality control product standards and bear the PS mark."</p>		
	Weighing Scale	<p>The item shall have the following specifications:</p> <ol style="list-style-type: none"> <li>1. Weighing Scale, mechanical kitchen spring type, 10kg-Capacity.</li> <li>2. Metric units in grams, kilograms division: 50 g.</li> <li>3. Made of metal with anti-rust coating. No sharp edges.</li> <li>4. Pointer and round dial type with hard transparent face cover; Minimum dial size: 21 cm diameter.</li> <li>5. Includes a removable stainless steel bowl which is dishwasher safe.</li> <li>6. Precision/Accuracy: <math>\pm 100</math> g of the actual mass below 2.5 kg and <math>\pm 150</math> g of the actual mass 2.5 kg to 10 kg for at least three consecutive trials.</li> <li>7. Comes with an Instruction Manual in English.</li> <li>8. Must be <b>branded</b>.</li> </ol>		

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LOT NO.	ITEM	SPECIFICATION	Bidder's Statement of Compliance	Bidder's Actual Offer
7	Animal Cell Model	<p>The item shall have the following specifications.</p> <ol style="list-style-type: none"> <li>1. 3D model with colorful cell structures and organelles (nucleus, nucleolus, endoplasmic reticulum, mitochondria, ribosomes, Golgi apparatus, centrioles, lysosomes, cytoplasm, cell membrane);</li> <li>2. Used as a visual material in studying the various structures of an animal cell;</li> <li>3. Dimensions: 400 mm tall x 300 mm wide x 110 mm thick (Dimensions tolerance: <math>\pm 2</math> mm);</li> <li>4. Made of plastic or rubberized material;</li> <li>5. Mounted on a base;</li> <li>6. With English User's manual that includes the following: description of the model and its use, labels of the diagram in the manual should be consistent with the numbered parts in the actual model;</li> <li>7. The parts/structures of the model should be correctly numbered with permanent markings.</li> <li>8. Must be branded.</li> </ol> <p>* "Imported products should pass international quality control product standards and have international quality control product markings such as CE, ISO, ASTM, ASQC, AFCIQ, ASQ, DGQ, EOQC, IQA, and the likes, while locally made products (Philippine-made) should pass the local quality control product standards and bear the PS mark." made) should pass the local quality control product standards and bear the PS mark."w</p>		

	<p>Celestial Globe</p>	<p>The item shall have the following specifications.</p> <ol style="list-style-type: none"> <li>1. Shows the position of stars for any time and place. A Ø 4 inches World Globe and Sun are mounted within a Ø 12 inches transparent Star Globe.</li> <li>2. Each rotates independently. The star map shows principal stars to the 5th magnitude, names of major stars and constellations, and includes the ecliptic, right ascension and declination scale.</li> <li>3. Must include Names of Months and Days Scales around the globe for easy reference of constellation</li> <li>4. The horizon mounting allows the Globe to be set for any location.</li> <li>5. Globe is supported on a cradle base made of hard/tough plastic.</li> <li>6. With English User's Manual includes: <ol style="list-style-type: none"> <li>a. on the Guide on Using the Model and Sample Student Activity.</li> <li>b. Guide on Using the Model</li> <li>c. Student Activity Sheet and Teacher's Guide</li> </ol> </li> <li>7. Includes training on use, maintenance, and storage.</li> <li>8. Must be branded</li> </ol> <p>* "Imported products should pass international quality control product standards and have international quality control product markings such as CE, ISO, ASTM, ASQC, AFCIQ, ASQ, DGQ, EOQC, IQA, and the likes, while locally made products (Philippine-made) should pass the local quality control product standards and bear the PS mark." made) should pass the local quality control product standards and bear the PS mark."</p>		
	<p>Cross section Volcano Model</p>	<p>The item shall have the following specifications:</p>		

		<ol style="list-style-type: none"> <li>1. The volcano 10 inches -12 inches in length</li> <li>2. The parts of the volcano named: Sill, Strata, Dike, Crust, Magma Chamber, Upper Mantle, Lower Mantle, and Vent</li> <li>3. Detailed cross-section shows the inside of the volcano</li> <li>4. With removable red tube</li> <li>5. With 11inches -13inches clear, circular, plastic tray which fit in the entire model</li> <li>6. It simulates the volcano eruption</li> <li>7. Easy to clean and reusable.</li> <li>8. With English Users' Manual that includes operation guide with easy-to-prepare lava recipe</li> <li>9. Must be branded</li> </ol> <p>* "Imported products should pass international quality control product standards and have international quality control product markings such as CE, ISO, ASTM, ASQC, AFCIQ, ASQ, DGQ, EOQC, IQA, and the likes, while locally made products (Philippine-made) should pass the local quality control product standards and bear the PS mark." made) should pass the local quality control product standards and bear the PS mark."</p>		
	DNA Model	<p>The item shall have the following specifications:</p> <ol style="list-style-type: none"> <li>1. Depicts 16 base pair section/layer DNA;</li> <li>2. Model height range: 18 inches to 24 inches;</li> <li>3. With a central post which can rotate on a solid plastic base/stand;</li> <li>4. Pre-assembled DNA model made of attractive, color-coded plastic shaped parts that represents each bases (Thymine, Adenine, Guanine &amp; Cytosine), the sugar and phosphate components;</li> <li>5. With removable phosphate-deoxyribose components</li> <li>6. Double helix;</li> </ol>		

		<p>7. Represents the structure that contains the genetic instruction for the development and function of living things;</p> <p>8. With English User's manual that includes description of the product, its parts, assembly and storage instructions</p> <p>9. Must be branded.</p> <p>* "Imported products should pass international quality control product standards and have international quality control product markings such as CE, ISO, ASTM, ASQC, AFCIQ, ASQ, DGQ, EOQC, IQA, and the likes, while locally made products (Philippine-made) should pass the local quality control product standards and bear the PS mark." made) should pass the local quality control product standards and bear the PS mark."</p>		
	<p>Earth Globe, ordinary</p>	<p>The item shall have the following specifications:</p> <p>1. Primarily used as a reference to geographical &amp; political information. Globe diameter: minimum of 12 inches.</p> <p>2. Shows the following:</p> <p>(a) All continents, countries with their capitals, and important cities and places</p> <p>(b) Updated with newly established countries, or re-named countries and cities.</p> <p>(c) Illustrates the flow and directions of ocean currents</p> <p>(d) Lines of Latitudes (0° to 90°), graduated both in Northern and Southern Latitudes and Longitudes (0° to 180°), graduated both in Eastern and Western Longitudes</p> <p>(e) International Date Line, Arctic Circle, Tropic of Cancer, Tropic of Capricorn and Antarctic Circle</p>		

		<p>(f) Lines of Equator and Prime Meridian</p> <p>(g) Names of mountain, mountain ranges, volcano, ocean floors, gulfs, seas and lakes</p> <p>(h) Names of continents, seas and country boundaries should be according to international standard.</p> <p>(i) Philippine territory emphasizing the "West Philippine Sea" as one of the Philippine territorial sea boundaries.</p> <p>(j) The Nine Dashed Line should not appear.</p> <p>3. The globe which is made of plastic is mounted on a <b>plastic</b> meridian ring (C-shape) with movable magnifier.</p> <p>4. The base stand is made of hard/tough plastic.</p> <p>5. Must be branded.</p> <p>* "Imported products should pass international quality control product standards and have international quality control product markings such as CE, ISO, ASTM, ASQC, AFCIQ, ASQ, DGQ, EOQC, IQA, and the likes, while locally made products (Philippine-made) should pass the local quality control product standards and bear the PS mark." made) should pass the local quality control product standards and bear the PS mark."</p>		
	<p>Geometrical model set, 2 types of cones</p>	<p>The item shall have the following specifications:</p> <ol style="list-style-type: none"> <li>1. Enables the student to investigate and know the two (2) types of cones.</li> <li>2. The cones are made of kiln-dried hard wood, fully-polished and varnished that is visible to the naked eye.</li> <li>3. One (1) set is composed of the following: <ul style="list-style-type: none"> <li>• 1 pc. right Cone, has a <math>\text{Ø}100\text{mm} \pm 2</math> mm circular base and a height of not less than 150 mm.</li> <li>• 1 pc. Oblique Cone, has a <math>\text{Ø}100\text{mm} \pm 2</math> mm circular base and a height of</li> </ul> </li> </ol>		

		<p>not less than 150mm. The inclination angle between the imaginary line segment (which connects the vertex to the center of the base) and the base plane is 75°.</p> <ol style="list-style-type: none"> <li>4. Comes with a Plastic Storage Box. Note: The plastic storage box must be able to conveniently accommodate the 2 cones. On the cover of the storage box, the contents' descriptions must be clearly printed.</li> <li>5. The circular bases of the cones are painted blue and well-polished.</li> <li>6. Lateral surfaces and edges must be varnished that is visible to the naked eye and must be smooth.</li> <li>7. Comes with Instruction Manual in English.</li> <li>8. Must be branded.</li> </ol> <p>* "Imported products should pass international quality control product standards and have international quality control product markings such as CE, ISO, ASTM, ASQC, AFCIQ, ASQ, DGQ, EOQC, IQA, and the likes, while locally made products (Philippine-made) should pass the local quality control product standards and bear the PS mark." made) should pass the local quality control product standards and bear the PS mark."</p>		
	<p>Geometrical model set, 2 types of cylinders</p>	<p>The item shall have the following specifications:</p> <ol style="list-style-type: none"> <li>1. Enables the student to investigate and know the two (2) types of cylinders.</li> <li>2. The cylinders are made of kiln-dried hard wood, fully-polished and varnished that is visible to the naked eye.</li> <li>3. One (1) set is composed of the following: <ul style="list-style-type: none"> <li>3.1) 1 pc. right Cylinder, has <math>\text{Ø}100 \text{ mm} \pm 2 \text{ mm}</math> circular ends and a height of not less than 150mm;</li> <li>3.2) 1 pc. Oblique Cylinder, has <math>\text{Ø}100 \text{ mm} \pm 2 \text{ mm}</math> circular ends &amp; a height of not less than 150mm.</li> </ul> </li> </ol>		

		<p>The inclination angle between the imaginary line segment (which connects the centers of the circular ends) and the end plane is 80°.</p> <p>4. Comes with a Plastic Storage Box.</p> <p>Note: The plastic storage box must be able to conveniently accommodate the 2 cylinders. On the cover of the storage box, the contents' descriptions must be clearly printed.</p> <p>5. The circular ends of the cylinders are painted blue and well-polished.</p> <p>6. Lateral surfaces and edges must be varnished that is visible to the naked eye and must be smooth.</p> <p>7. Comes with Instruction Manual in English.</p> <p>8. Must be branded.</p> <p>* "Imported products should pass international quality control product standards and have international quality control product markings such as CE, ISO, ASTM, ASQC, AFCIQ, ASQ, DGQ, EOQC, IQA, and the likes, while locally made products (Philippine-made) should pass the local quality control product standards and bear the PS mark." made) should pass the local quality control product standards and bear the PS mark."</p>		
	<p>Geometrical model set, 3 types of prisms</p>	<p>The item shall have the following specifications:</p> <ol style="list-style-type: none"> <li>1. Enables the student to investigate and know the different types of prisms.</li> <li>2. The prisms are made of kiln-dried hard wood, fully-polished and varnished that is visible to the naked eye.</li> <li>3. One (1) set is composed of the following: <ol style="list-style-type: none"> <li>3.1) 1 pc. right Triangular Prism, has equilateral triangle ends and has a height of not less than 150 mm. One side of the equilateral triangle end is 100mm ± 2 mm.</li> <li>3.2) 1 pc. oblique Triangular Prism, has isosceles triangle ends and has a height of not less than 150mm. The</li> </ol> </li> </ol>		

		<p>isosceles triangle end has 50° x 50° x 80° angles and the side opposite the 80° angle is 100mm ± 2 mm. The inclination angle between the imaginary line segment (which connects the centers of the triangle ends) and the end plane is 80°. The inclination of the prism is relative to the two (2) end planes. With reference to one end plane, the inclination is toward the midpoint of the 100mm side. With reference to the other end plane, the inclination is toward the vertex directly opposite the 100mm side.</p> <p>3.3) 1 pc. right Pentagonal Prism, has equilateral pentagon ends and has a height of not less than 150mm. One side of the equilateral pentagon end is 50mm ± 2 mm.</p> <ol style="list-style-type: none"> <li>4. Comes with a Plastic Storage Box. Note: The plastic storage box must be able to conveniently accommodate the 3 prisms. On the cover of the storage box, the contents' descriptions must be clearly printed.</li> <li>5. The triangle ends of the triangular prisms are painted yellow and well-polished. The pentagon ends of the pentagonal prism are painted green and well-polished.</li> <li>6. Lateral surfaces and edges must be varnished that is visible to the naked eye and must be smooth.</li> <li>7. Comes with Instruction Manual in English.</li> <li>8. Must be branded.</li> </ol> <p>* "Imported products should pass international quality control product standards and have international quality control product markings such as CE, ISO, ASTM, ASQC, AFCIQ, ASQ, DGQ, EOQC, IQA, and the likes, while locally made products (Philippine-made) should pass the local quality control product standards and bear the PS mark." made) should pass the local quality control product standards and bear the PS mark."</p>		
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	<p>Geometrical model set, 3 types of pyramids</p>	<p>The item shall have the following specifications:</p> <ol style="list-style-type: none"> <li>1. Enables the student to investigate and know the different types of pyramids.</li> <li>2. The pyramids are made of kiln-dried hard wood, fully-polished and varnished that is visible to the naked eye.</li> <li>3. One (1) set is composed of the following: <ol style="list-style-type: none"> <li>i) 1 pc. regular Triangular Pyramid, has an equilateral triangle base &amp; a height of not less than 150 mm. One side of the equilateral triangle base is <math>100\text{mm} \pm 2\text{ mm}</math>.</li> <li>ii) 1 pc. oblique Quadrilateral Pyramid, has a square base and a height of not less than 150mm. One side of the square base is <math>100\text{mm} \pm 2\text{ mm}</math>. The inclination angle between the imaginary line segment (which connects the common vertex to the center of the base) and the plane of the base is <math>75^\circ</math>. The inclination is toward the midpoint of one of the sides of the square base.</li> <li>iii) 1 pc. regular Quadrilateral Pyramid, has a square base and a height of not less than 150mm. One side of the square base is <math>100\text{mm} \pm 2\text{ mm}</math>.</li> </ol> </li> <li>4. Comes with a Plastic Storage Box.</li> </ol> <p>Note: The plastic storage box must be able to conveniently accommodate the 3 pyramids.</p> <p>On the cover of the storage box, the contents' descriptions must be clearly printed.</p> <ol style="list-style-type: none"> <li>5. The triangle base of the triangular pyramid is painted yellow and well-polished. The square bases of the quadrilateral pyramids are painted white and well-polished.</li> <li>6. Lateral surfaces and edges must be varnished that is visible to the naked eye and must be smooth.</li> <li>7. Comes with Instruction Manual in English.</li> <li>8. Must be branded.</li> </ol>		
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	<p>Geometrical model set, Spheres</p>	<p>The item shall have the following specifications:</p> <ol style="list-style-type: none"> <li>1. Enables the student to see and investigate spheres of different sizes.</li> <li>2. The spheres and half-sphere are made of kiln-dried hard wood, fully-polished and varnished that is visible to the naked eye.</li> <li>3. One (1) set is composed of the following: <ol style="list-style-type: none"> <li>(i) 1 pc. <math>\text{Ø}200 \text{ mm} \pm 2 \text{ mm}</math> Sphere.</li> <li>(ii) 1 pc. <math>\text{Ø}150 \text{ mm} \pm 2 \text{ mm}</math> Sphere.</li> <li>(iii) 1 pc. <math>\text{Ø}100 \text{ mm} \pm 2 \text{ mm}</math> Sphere</li> <li>(iv) 3.4) 1 pc. <math>100\text{mm} \pm 2 \text{ mm}</math> Radius Half-Sphere</li> </ol> </li> <li>4. Comes with a Plastic Storage Box. Note: The plastic storage box must be able to conveniently accommodate the 3 spheres and 1 half-sphere. On the cover of the storage box, the contents' descriptions must be clearly printed.</li> <li>5. The circular base of the half-sphere is painted blue and well-polished.</li> <li>6. Surfaces, except for the circular base of the half-sphere, must be varnished that is visible to the naked eye and must be smooth.</li> <li>7. Comes with Instruction Manual in English.</li> <li>8. Must be branded</li> </ol> <p>* "Imported products should pass international quality control product standards and have international quality control product markings such as CE, ISO, ASTM, ASQC, AFCIQ, ASQ, DGQ, EOQC, IQA, and the likes, while locally made products (Philippine-</p>		

		made) should pass the local quality control product standards and bear the PS mark." made) should pass the local quality control product standards and bear the PS mark."		
	Model of Cone in a Cylinder	<p>The item shall have the following specifications:</p> <ol style="list-style-type: none"> <li>1. Enables the student to investigate and know that the volume of a cone is equal to one-third (1/3) the volume of the cylinder of the same base area and height.</li> <li>2. One (1) set is composed of 4 wooden right cones, 4 transparent plastic right conical vessels, 4 transparent plastic right cylindrical containers, and 4 wooden right cylinders.</li> <li>3. The specs of the 4 wooden right cones and 4 wooden right cylinders are as follow: <ol style="list-style-type: none"> <li>i. 2 pcs Cone, Ø80mm base &amp; 150 mm height.</li> <li>ii. 2 pcs Cylinder, Ø80mm x 150mm L</li> <li>iii. 2 pcs Cone, Ø100mm base &amp; 150 mm height.</li> <li>iv. 2 pcs Cylinder, Ø100mm x 150mm L</li> </ol> </li> <li>4. The specs of the 4 transparent plastic right conical vessels are as follows: <ol style="list-style-type: none"> <li>i) 2 pcs Conical Vessel whose inside dimensions (base and height) are exactly the same as that of the above Ø80mm wooden cone. (The base of vessel is open.</li> <li>ii) 2 pcs Conical Vessel whose inside dimensions (base and height) are exactly the same as that of the above Ø100mm wooden cone. (The base of vessel is open)</li> </ol> </li> <li>5. The specs of the 4 transparent plastic right cylindrical containers are as follows: <ol style="list-style-type: none"> <li>(i) 2 pcs Cylindrical Container with inside diameter of 80mm &amp; inside height of 150mm. One (1) end of the container is open.</li> <li>(ii) 2 pcs Cylindrical Container with inside diameter of 100mm &amp;</li> </ol> </li> </ol>		

		<p>inside height of 150mm. One (1) end of the container is open.</p> <p>(iii) Cylindrical containers have graduations printed on their walls. The graduations begin at zero that corresponds to the inside bottom surface of the container and end at 15cm mark which is at the topmost point of the container. The graduations are by centimeters, from 0 to 15cm.</p> <p>6. The material for the right cones and right cylinders must be kiln-dried hard wood, fully-polished and varnished that is visible to the naked eye. The material for the right conical vessels &amp; right cylindrical containers must be transparent polycarbonate plastic, clear, smooth, and free from scratches.</p> <p>7. Surfaces and edges must be smooth. (There must be no sharp edges.)</p> <p>8. Comes with a Plastic Storage Box.  Note: The plastic storage box must be able to conveniently accommodate the above cones, cylinders, vessels, and containers. On the cover of the storage box, the contents' descriptions must be clearly printed.</p> <p>9. Comes with Instruction Manual in English.</p> <p>10. The wall thickness of the transparent plastic right conical vessels is <math>3\text{mm} \pm 1\text{mm}</math>.</p> <p>11. The wall &amp; base thickness of the transparent plastic right cylindrical containers is <math>3\text{mm} \pm 1\text{mm}</math>.</p> <p>12. There should be no leaks on the above-cited vessels and containers when these are filled with water.</p> <p>13. There must be no warping of the walls of vessels.</p> <p>14. There must be no warping of the walls and bases of the containers.</p> <p>15. Must be branded.</p> <p>* "Imported products should pass international quality control product standards and have international quality control product markings such as CE, ISO, ASTM, ASQC, AFCIQ, ASQ, DGQ, EOQC, IQA, and the likes, while</p>		
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		locally made products (Philippine-made) should pass the local quality control product standards and bear the PS mark." made) should pass the local quality control product standards and bear the PS mark."		
	Model of Earth Internal Structure, 1/4 part detachable, Ø 12" minimum	<p>The item shall have the following specifications:</p> <ol style="list-style-type: none"> <li>1. Globe diameter: minimum of 12 inches.</li> <li>2. Shows the countries and ocean</li> <li>3. 1/4 part detachable and shows the different layer</li> <li>4. Must have correct permanent makings of the following parts as follows: <ol style="list-style-type: none"> <li>a. Crust</li> <li>b. Mantle</li> <li>c. Outer Core</li> <li>d. Lower Core</li> </ol> </li> <li>5. Made of plastic</li> <li>6. The base stand is made of hard/tough plastic.</li> <li>7. The removable parts must be intact and not falling.</li> <li>8. Must be branded</li> </ol> <p>* "Imported products should pass international quality control product standards and have international quality control product markings such as CE, ISO, ASTM, ASQC, AFCIQ, ASQ, DGQ, EOQC, IQA, and the likes, while locally made products (Philippine-made) should pass the local quality control product standards and bear the PS mark." made) should pass the local quality control product standards and bear the PS mark."</p>		
	Model of Pyramid in a Prism	<p>The item shall have the following specifications:</p> <ol style="list-style-type: none"> <li>1. Enables the student to investigate and know that the volume of a pyramid is equal to one-third (1/3) the volume of</li> </ol>		

		<p>the prism of the same base/end area and height.</p> <ol style="list-style-type: none"> <li>2. One (1) set is composed of 4 wooden regular pyramids, 4 transparent plastic regular pyramid vessels, 4 transparent plastic right prism containers, and 4 wooden right prisms.</li> <li>3. The specs of the 4 wooden regular pyramids and 4 wooden right prisms are as follows: <ol style="list-style-type: none"> <li>i. 2 pcs Triangular Pyramid, equilateral triangle base (100mm side length) x 150mm height.</li> <li>ii. 2 pcs Quadrilateral Pyramid, square base (100mm side length) x 150mm height.</li> <li>iii. 2 pcs Triangular Prism, equilateral triangle ends (100mm side length) x 150mm height.</li> <li>iv. 2 pcs Quadrilateral Prism, square ends (100mm side length) x 150mm height.</li> </ol> </li> <li>4. The specs of the 4 transparent plastic regular pyramid vessels are as follows: <ol style="list-style-type: none"> <li>(i) 2 pcs Triangular Pyramid Vessel whose inside dimensions (base and height) are exactly the same as that of the above wooden triangular pyramid. (The base of vessel is open);</li> <li>(ii) 2 pcs Quadrilateral Pyramid Vessel whose inside dimensions (base and height) are exactly the same as that of the above wooden quadrilateral pyramid. (Base of vessel is open).</li> </ol> </li> <li>5. The specs of the 4 transparent plastic right prism containers are as follows: <ol style="list-style-type: none"> <li>i) 2 pcs Triangular Prism Container whose inside ends &amp; height are exactly the same as that of the above wooden triangular prism's ends &amp; height. (One end of container is open);</li> <li>ii) 2 pcs Quadrilateral Prism Container whose inside ends &amp; height are exactly the same as that of the above wooden quadrilateral prism's ends &amp;</li> </ol> </li> </ol>		
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		<p>height. (One end of container is open);</p> <p>iii) 5.3) Prism containers have graduations printed on their walls. The graduations begin at zero that corresponds to the inside bottom surface of the container and end at 15cm mark which is at the topmost point of the container. The graduations are by centimeters, from 0 to 15cm.</p> <p>6. The material for the regular pyramids and right prisms must be kiln-dried hard wood, fully-polished and varnished that is visible to the naked eye. The material for the regular pyramid vessels &amp; right prism containers must be transparent polycarbonate plastic, clear, smooth, and free from scratches.</p> <p>7. Surfaces and edges must be smooth. (There must be no sharp edges.)</p> <p>8. Comes with a Plastic Storage Box. Note: The plastic storage box must be able to conveniently accommodate the above pyramids, prisms, vessels, and containers. On the cover of the storage box, the contents' descriptions must be clearly printed.</p> <p>9. Comes with Instructional Manual in English.</p> <p>10. The wall thickness of the transparent plastic regular pyramid vessels is <math>3\text{mm} \pm 1\text{ mm}</math>.</p> <p>11. The wall &amp; base thickness of the transparent plastic right prism containers is <math>3\text{mm} \pm 1\text{ mm}</math>.</p> <p>12. There should be no leaks on the above-cited vessels and containers when these are filled with water.</p> <p>13. There must be no warping of the walls of vessels.</p> <p>14. There must be no warping of the walls and bases of the containers.</p> <p>15. Must be branded.</p> <p>* "Imported products should pass international quality control product standards and have international quality control product markings such as CE, ISO, ASTM, ASQC, AFCIQ, ASQ, DGQ, EOQC, IQA, and the likes, while locally made products (Philippine-made) should pass the local quality</p>		
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		control product standards and bear the PS mark." made) should pass the local quality control product standards and bear the PS mark."		
	Model of Sphere in a Cylinder	<p>The item shall have the following specifications:</p> <ol style="list-style-type: none"> <li>1. Enables the student to investigate &amp; know that the volume of a sphere is equal to two-third (<math>\frac{2}{3}</math>) the volume of the cylinder whose diameter and height are equal to the diameter of said sphere.</li> <li>2. One (1) set is composed of 4 wooden spheres, 8 transparent plastic semi-spherical vessels, 4 transparent plastic right cylindrical containers, and 4 wooden right cylinders.</li> <li>3. The specs of the 4 wooden spheres and 4 wooden right cylinders are as follows: <ol style="list-style-type: none"> <li>(i) 2 pcs Sphere with <math>\text{Ø}150\text{mm}</math>. 3.3) 2 pcs Cylinder, <math>\text{Ø}150\text{mm}</math> x 150mm long</li> <li>(ii) 2 pcs Sphere with <math>\text{Ø}100\text{mm}</math>. 3.4) 2 pcs Cylinder, <math>\text{Ø}100\text{mm}</math> x 100mm long</li> </ol> </li> <li>4. The specs of the 8 transparent plastic semi spherical vessels are as follows: <ol style="list-style-type: none"> <li>i) 4 pcs Semi-Spherical Vessel whose inside diameter is 150mm. (The plane surface of the vessel is open)</li> <li>ii) 4 pcs Semi-Spherical Vessel whose inside diameter is 100mm. (The plane surface of the vessel is open).</li> </ol> </li> <li>5. The specs of the 4 transparent plastic right cylindrical containers are as follows: <ol style="list-style-type: none"> <li>i. 2 pcs Cylindrical Container whose inside diameter is equal to its inside height. The inside diameter is 150mm. (One end of the cylindrical container is open).</li> <li>ii. 2 pcs Cylindrical Container whose inside diameter is equal to its inside height. The inside diameter is 100mm. (One end of the cylindrical container is open).</li> <li>iii. Cyl. containers have graduations printed on their walls. The graduations of two</li> </ol> </li> </ol>		

		<p>(2) containers begin at zero (0) that corresponds to the inside bottom surface of the container and end at 15cm mark which is at the topmost point of the container. The graduations of the other two (2) containers begin at zero (0) that corresponds to the inside bottom surface of the container and end at 10cm mark which is at the topmost point of the container.</p> <p>6. The material for the spheres and right cylinders must be kiln-dried hard wood, fully-polished and varnished that is visible to the naked eye. The material for the semi-spherical vessels &amp; right cylindrical containers must be transparent polycarbonate plastic, clear, smooth, and free from scratches.</p> <p>7. Surfaces and edges must be smooth. (There must be no sharp edges.)</p> <p>8. Comes with a Plastic Storage Box.</p> <p>Note: The plastic storage box must be able to conveniently accommodate the above spheres, cylinders, vessels and containers. On the cover of the storage box, the contents' descriptions must be clearly printed.</p> <p>9. Comes with Instruction Manual in English.</p> <p>10. The wall thickness of the transparent plastic semi-spherical vessels is <math>3\text{mm} \pm 1\text{ mm}</math>.</p> <p>11. The wall &amp; base thickness of the transparent plastic right cylindrical containers is <math>3\text{mm} \pm 1\text{ mm}</math>.</p> <p>12. There should be no leaks on the above-cited vessels and containers when these are filled with water</p> <p>13. There must be no warping of the walls of vessels.</p> <p>14. There must be no warping of the walls and bases of the containers.</p> <p>15. Must be branded.</p> <p>* "Imported products should pass international quality control product standards and have international quality control product markings such as CE,</p>		
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		<p>ISO, ASTM, ASQC, AFCIQ, ASQ, DGQ, EOQC, IQA, and the likes, while locally made products (Philippine-made) should pass the local quality control product standards and bear the PS mark." made) should pass the local quality control product standards and bear the PS mark."</p>		
	<p>Model, Animal Meiosis</p>	<p>The item shall have the following specifications:</p> <ol style="list-style-type: none"> <li>1. Model of Animal Meiosis is a set depicting 10 phases of meiosis namely: <ol style="list-style-type: none"> <li>a) Interphase (G1-phase),</li> <li>b) Prophase I (leptotene),</li> <li>c) Prophase I (Zygotene and pachytene),</li> <li>d) Prophase I (diplotene),</li> <li>e) Prophase I (diakinesis),</li> <li>f) Metaphase I</li> <li>g) Anaphase I,</li> <li>h) Telophase I, Cytokinesis I, Interkinesis, Prophase II, and Metaphase II,</li> <li>i) Anaphase II,</li> <li>j) Telophase II and Cytokinesis II</li> </ol> </li> <li>2. Labels of the phases must bear the correct spelling as stated in no. 1;</li> <li>3. Shows the nucleus, centrioles, centrosome, chromatin, chromosomes, spindle fiber and aster;</li> <li>4. The color of the model shall be in accordance with the coloring methods of microscopy;</li> <li>5. Individual cell model magnetic and detachable, each resting in a magnetic board/frame. Magnet should not separate from the cell model; cell models should not fall when the frame is vertically mounted.</li> <li>6. Product measures 600 mm (<math>\pm</math> 1 mm) long x 60 mm (<math>\pm</math> 1 mm) thick x 400 mm (<math>\pm</math> 1 mm) wide.</li> <li>7. With English User's manual that includes the description in each phase of meiosis and storage instructions.</li> <li>8. Must be branded.</li> <li>9. Depicts correct representation of what is happening in each phase.</li> </ol>		

		<p>* "Imported products should pass international quality control product standards and have international quality control product markings such as CE, ISO, ASTM, ASQC, AFCIQ, ASQ, DGQ, EOQC, IQA, and the likes, while locally made products (Philippine-made) should pass the local quality control product standards and bear the PS mark." made) should pass the local quality control product standards and bear the PS mark."</p>		
	<p>Model, Animal Mitosis</p>	<p>The item shall have the following specifications:</p> <ol style="list-style-type: none"> <li>1. Model of Mitosis is a set depicting the 9 phases of mitosis namely; 1. Interphase, 2. Prophase, 3. Early Prometaphase, 4. Late Prometaphase, 5. Metaphase, 6. Early Anaphase, 7. Late Anaphase, 8. Telophase, 9. Cytokinesis;</li> <li>2. Labels of the phases must bear the correct spelling as stated in no. 1;</li> <li>3. Shows the nucleus, centrioles, centrosome, chromatin, chromosomes, spindle fiber and aster;</li> <li>4. The color of the model shall be in accordance with the coloring methods of microscopy;</li> <li>5. Individual cell model magnetic and detachable, each resting in a magnetic board/frame. Magnet should not separate from the cell model; cell models should not fall when the board/frame is vertically mounted.</li> <li>6. Product measures 600 mm (<math>\pm</math> 1 mm) long x 60 mm (<math>\pm</math> 1 mm) thick x 400 mm (<math>\pm</math> 1 mm) wide;</li> <li>7. With English User's manual that includes the description in each phase of mitosis and storage instructions;</li> <li>8. Must be branded.</li> <li>9. Depicts correct representation of what is happening in each phase.</li> </ol> <p>* "Imported products should pass international quality control product standards and have international quality control product markings such as CE, ISO, ASTM, ASQC, AFCIQ, ASQ, DGQ, EOQC, IQA, and the likes, while</p>		

		<p>locally made products (Philippine-made) should pass the local quality control product standards and bear the PS mark." made) should pass the local quality control product standards and bear the PS mark."</p>		
	<p>Model, Human Skeleton</p>	<p>The item shall have the following specifications:</p> <ol style="list-style-type: none"> <li>1. Non-toxic hard plastic material; washable.</li> <li>2. Mounted on stable metal stand, stainless steel rod, Ø 10mm-12mm, with 4 or 5 legged unbreakable plastic with roller casters as support to the skeleton.</li> <li>3. All joints properly articulated and wired; all metal materials that will join or interconnect the bones should be stainless steel.</li> <li>4. The model shall show the complete numbered parts of the following bones with the correct spelling: frontal, parietal, ethmoid, temporal, zygomatic arch, occipital, nasal, maxilla, mandible, hyoid bone, cervical vertebra (7), manubrium, clavicle, coracoid, scapula, sternum, xiphoid process, ribs, thoracic vertebra (12), humerus, radius, ulna, carpals, metacarpals, phalanges, lumbar vertebra (5), ilium, sacrum (5), coccyx (3), pubis, ischium, femur, patella, tibia, fibula, talus, calcaneus, tarsals, metatarsals;</li> <li>5. With English User's manual that includes the following: description of the model and its use, labels of the diagram in the manual should be consistent with the numbered parts in the actual model</li> <li>6. Minimum height of the human skeleton: 158 cm ±2 cm with overall height range of 168 cm to 188 cm after mounting on the stand.</li> <li>7. Bones can be assembled or detached.</li> <li>8. The parts of the model should be correctly numbered with permanent markings.</li> <li>9. Must be Branded.</li> <li>10. Serves as model for the internal framework of the body.</li> </ol>		

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	<p>Model, Human Torso</p>	<p>The item shall have the following specifications:</p> <ol style="list-style-type: none"> <li>1. Tough, smooth-finished plastic material mounted on a base;</li> <li>2. Detachable head;</li> <li>3. Open back, exposed spine with 2 to 3 removable vertebra and spinal cord segments;</li> <li>4. Interchangeable reproductive organs; female reproductive organs shall have a fetus which is removable;</li> <li>5. 28 to 32 dissectable parts that include: removable head (parts of mouth and nasopharynx exposed) with half brain expose, with arteries; eye with optic nerve; female breast plate with plate rib; right and left lung; 2-part heart, 2-part stomach; liver with gall bladder, large intestine, with appendix flap, small intestine, kidney half, female genital organs (2 parts), male genital organs (4 parts);</li> <li>6. The parts, structures of the model should be correctly numbered with permanent markings;</li> <li>7. With English User's Manual that includes the following: description of the model and its use, labels of the diagram should be consistent with the numbered parts in the actual model and guide on how to assemble the model.</li> <li>8. Height: 85cm (<math>\pm 1</math> cm);</li> <li>9. True to life color and free from toxic materials;</li> <li>10. Will be able to stand upright with removable parts intact and not falling;</li> <li>11. Must be branded;</li> </ol>		

		<p>12. Provides a realistic representation of the various parts of the human body and internal organs.</p> <p>* "Imported products should pass international quality control product standards and have international quality control product markings such as CE, ISO, ASTM, ASQC, AFCIQ, ASQ, DGQ, EOQC, IQA, and the likes, while locally made products (Philippine-made) should pass the local quality control product standards and bear the PS mark." made) should pass the local quality control product standards and bear the PS mark."</p>		
	<p>Motor-Generator Model Experiment Set</p>	<p>The item shall have the following specifications:</p> <ol style="list-style-type: none"> <li>1. DC motor mode, runs on 6 volts -12 volt</li> <li>2. Can function as generator when the armature is rotated; AC-DC generator output is determined by commutator configuration;</li> <li>3. Selectable split-ring and slip-ring commutator that enables AC-DC output w/o changing the direction of rotation of the rotor;</li> <li>4. Binding posts, for external connections, labeled with "motor input: 6 V-12 VDC" and "generator output", unit should be should be free of indicator bulbs;</li> <li>5. Rotor should be concentric with the stator to produce equal air gap;</li> <li>6. Stator is activated by a permanent magnet. Stator assembly should have one color except blue and red; Example all yellow, all white or all black stator assembly.</li> <li>7. Includes spare: 4 pcs belt, 1 set magnet;</li> <li>8. Armature diameter: 68 mm minimum, Armature shaft diameter: Ø 8 mm minimum, w/ rigid mounting;</li> <li>9. Drive pulley, plastic, diameter: 168 mm minimum, driven pulley diameter: 26 mm minimum, steel nickel plated;</li> </ol>		

		<p>10. Base wooden board minimum dimensions: 200 mm x 300 mm, 19 mm thickness, w/ rubber footing;</p> <p>11. m thickness, w/ rubber footing;</p> <p>12. Branded</p> <p>13. With English User's Manual that includes operation guide</p> <p>* "Imported products should pass international quality control product standards and have international quality control product markings such as CE, ISO, ASTM, ASQC, AFCIQ, ASQ, DGQ, EOQC, IQA, and the likes, while locally made products (Philippine-made) should pass the local quality control product standards and bear the PS mark." made) should pass the local quality control product standards and bear the PS mark."</p>		
	<p>Plant Cell Model</p>	<p>The item shall have the following specifications:</p> <ol style="list-style-type: none"> <li>1. 3D model with colorful cell structures and organelles (cell wall, cell membrane, cytoskeleton, ribosomes, Golgi apparatus, mitochondria, chloroplast, nucleolus, nucleus, plasmodesmata, endoplasmic reticulum, and vacuole);</li> <li>2. Used as a visual material in studying the various structures of a plant cell;</li> <li>3. Dimensions: 290 mm tall x 200 mm wide x 80 mm thick (Dimensions tolerance: <math>\pm 2</math> cm);</li> <li>4. Free standing (no separate base)</li> <li>5. Made of plastic or rubberized material;</li> <li>6. With English User's manual that includes the following: description of the model and its use, labels of the diagram in the manual should be consistent with the numbered parts in the actual model;</li> <li>7. The parts/structures of the model should be correctly numbered with permanent markings.</li> <li>8. Must be branded.</li> </ol>		

		<p>* "Imported products should pass international quality control product standards and have international quality control product markings such as CE, ISO, ASTM, ASQC, AFCIQ, ASQ, DGQ, EOQC, IQA, and the likes, while locally made products (Philippine-made) should pass the local quality control product standards and bear the PS mark." made) should pass the local quality control product standards and bear the PS mark."</p>		
	<p>Relief Globe</p>	<p>The item shall have the following specifications:</p> <ol style="list-style-type: none"> <li>1. Facilitates the visual recognition of terrain, comparable base area and heights of mountains. A learning tool for science, geography, history, and current events. Globe diameter: 295mm to 300 mm</li> <li>2. Shows the following: <ol style="list-style-type: none"> <li>a) All continents, countries with their capitals, and important cities.</li> <li>b) Updated with newly established countries, or re-named countries and cities.</li> <li>c) Illustrates the flow and directions of ocean currents.</li> <li>d) Mountain areas are in raised-relief, proportionate to each other with Mount Everest minimum height of 1.5 mm from Sea level surface of the Globe. Mountain areas are shaded three-dimensionally.</li> <li>e) Lines of Latitudes (0° to 90°, graduated both in Northern and Southern Latitudes) and Longitudes (0°to 180°, graduated both in Eastern and Western Longitudes)</li> </ol> </li> </ol>		

		<p>f) International Date Line, Arctic Circle, Tropic of Cancer, Tropic of Capricorn &amp; Antarctic Circle</p> <p>g) Lines of Equator and Prime Meridian</p> <p>h) Names of continents, seas and country boundaries should be according to international standard.</p> <p>i) Philippine territory emphasizing the "West Philippine Sea" as one of the Philippine territorial sea boundaries.</p> <p>j) The Nine Dashed Line should not appear.</p> <p>3. The globe which is made of plastic is mounted on a plastic meridian ring (C-shape).</p> <p>4. The base stand is made of hard/tough plastic.</p> <p>5. Must be branded</p> <p>* "Imported products should pass international quality control product standards and have international quality control product markings such as CE, ISO, ASTM, ASQC, AFCIQ, ASQ, DGQ, EOQC, IQA, and the likes, while locally made products (Philippine-made) should pass the local quality control product standards and bear the PS mark." made) should pass the local quality control product standards and bear the PS mark."</p>		
	<p>Seismograph Model</p>	<p>The item shall have the following specifications:</p> <ol style="list-style-type: none"> <li>1. Demonstrates the basic components and principles of operation of an actual seismograph unit.</li> <li>2. The recording pen is attached to a weight suspended from a support that is connected to a metal base stand.</li> <li>3. The support moves with the vibrations &amp; the pen records on a recording paper as the paper is</li> </ol>		

		<p>manually pulled through a metal frame</p> <ol style="list-style-type: none"> <li>4. Earthquakes are simulated by vibrating the table on which the model is mounted.</li> <li>5. Consist of a roll of recording paper (65 mm wide) with mounting, recording pens, suspended weight, support with a painted metal base stand, recording frame, and table clamp (opening-65 mm). The metal stand rod (325 mm long) and metal support are chrome-plated. The metal frame is of galvanized iron sheet.</li> <li>6. Base dimensions : 295mm x 155mm x 25mm (minimum) Tolerance <math>\pm 10</math>mm</li> <li>7. With English User's manual that includes the operation and guide on how to assemble the model.</li> <li>8. Must be branded.</li> </ol> <p>* "Imported products should pass international quality control product standards and have international quality control product markings such as CE, ISO, ASTM, ASQC, AFCIQ, ASQ, DGQ, EOQC, IQA, and the likes, while locally made products (Philippine-made) should pass the local quality control product standards and bear the PS mark." made) should pass the local quality control product standards and bear the PS mark."</p>		
	<p>Solar System Model</p>	<p>The item shall have the following specifications:</p> <ol style="list-style-type: none"> <li>1. A three-dimensional model that shows the Sun and eight official planets.</li> <li>2. With electrical bulb inside the Sun.</li> <li>3. Sun's diameter is at least 4 inches and is supported by a weighted base.</li> <li>4. The planets are supported by chrome-plated rods that are connected to the base and can be revolved around the Sun.</li> <li>5. Material is plastic.</li> </ol>		

		<p>6. Show the differentiation of sizes between planets.</p> <p>7. Planets are in standard colors.</p> <p>8. Includes a printed illustration (on disc-shaped) of the planets revolution.</p> <p>9. With English User's Manual that include Operation Guide and Guide on how to replace bulb.</p> <p>10. Must be branded.</p> <p>* "Imported products should pass international quality control product standards and have international quality control product markings such as CE, ISO, ASTM, ASQC, AFCIQ, ASQ, DGQ, EOQC, IQA, and the likes, while locally made products (Philippine-made) should pass the local quality control product standards and bear the PS mark." made) should pass the local quality control product standards and bear the PS mark."</p>		
	<p>Student Organic Chemistry Molecular Model Set (114 piece set)</p>	<p>The item shall have the following specifications:</p> <ol style="list-style-type: none"> <li>1. Atoms parts are made of durable solid polypropylene plastic spheres and are available with 1-6 holes in the usual angular orientations</li> <li>2. Each sphere/ball has holes at correct angles to be connected with flexible plastic "bonds"</li> <li>3. Sphere/atom parts range from 17 mm to 23 mm in diameter. Diameter of hydrogen, halogen, and metal sphere/atom: 17 mm Other atoms diameter: 23 mm</li> <li>4. Standard color coded plastic (polypropylene) sphere/atom parts: <ul style="list-style-type: none"> <li>&gt;12 carbon atoms (Black, 4 holes, tetrahedral)</li> <li>&gt;20 hydrogen atoms (white, 1 hole)</li> <li>&gt;6 Oxygen atoms (red, 2 holes, angular)</li> </ul> </li> </ol>		

		<p>&gt;4 nitrogen atom parts</p> <p>2 nitrogen atoms (blue, 3 holes, trigonal)</p> <p>2 nitrogen atoms (blue, 2 holes, angular)</p> <p>&gt;1 sulfur atom (yellow, 4 holes, tetrahedral)</p> <p>&gt;1 sulfur atom (yellow, 6 holes, octahedral)</p> <p>&gt; 4 halogen atoms (green, 1 hole)</p> <p>&gt;1 phosphorus atom (purple, 4 holes, tetrahedral)</p> <p>&gt;1 metal atom (gray, 1 hole)</p> <p>b. Bonds:</p> <p>&gt;26pcs short, rigid 28mm white links</p> <p>&gt;26pcs medium length 28mm white grey links</p> <p>&gt;12pcs long flexible 43 mm grey links (double/triple)</p> <p>Medium links represent single covalent bonds while long links can be used for double and triple covalent bonds.</p> <p>c. Link remover tool/Assembly tool.</p> <p>d. Compartmentalized hard ABS plastic storage box with 4 compartments</p> <p>Plastic box: Length: 280mm Width: 200mm Thickness : 50mm</p> <p>Weight: 1.22-1.32kg</p> <p>5. With contents list in table form, as to:</p> <p>a) For atoms: quantity, name of element(symbol), color code, (number of holes, type of bond angles), diameter of the sphere</p>		
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		<p>b) For links: bond types, color and use</p> <p>6. With assembly guides, individual worksheets and instructional leaflets.</p> <p>7. With Teacher's instruction manual with full background information.</p> <p>8. To construct and visualize three dimensional molecular structures of many organic molecules, and understand molecular formulas.</p> <p>9. Must have a brand.</p> <p>* "Imported products should pass international quality control product standards and have international quality control product markings such as CE, ISO, ASTM, ASQC, AFCIQ, ASQ, DGQ, EOQC, IQA, and the likes, while locally made products (Philippine-made) should pass the local quality control product standards and bear the PS mark." made) should pass the local quality control product standards and bear the PS mark."</p>		
	<p>Sublevel Orbitals of the Atom Models (Quantum Models)</p>	<p>The item shall have the following specifications.</p> <p>1. 12 Models with color-coded components include the following:</p> <ul style="list-style-type: none"> <li>a) 12 pc <b>1s</b> Orbitals (K shell) , blue</li> <li>b) 12 pc <b>2s</b> Orbitals (L shell), orange</li> <li>c) 72 pc <b>p</b> Orbitals (24 each of 3 colors; red, yellow and green)</li> <li>d) 12 pc Bases</li> <li>e) 12 pc Crossbars (x and z axes), white</li> <li>f) 128 pc Electrons</li> <li>g) 12 pc Uprights (y axes)</li> </ul> <p>Includes the following:</p>		

		<ol style="list-style-type: none"> <li>2. With 1 Teacher's Guide</li> <li>3. With 30 Student Worksheets and Guides, Part I and Part II</li> <li>4. A quantum numbers information chart is provided on each worksheet, making it easier to assemble the model</li> <li>5. To easily assemble/construct a spatial three-dimensional model showing the position and number of electrons along the x, y and z axis, as well as the orbitals of the sublevels of the major energy levels</li> <li>6. Must have a brand.</li> </ol> <p>* "Imported products should pass international quality control product standards and have international quality control product markings such as CE, ISO, ASTM, ASQC, AFCIQ, ASQ, DGQ, EOQC, IQA, and the likes, while locally made products (Philippine-made) should pass the local quality control product standards and bear the PS mark." made) should pass the local quality control product standards and bear the PS mark."</p>		
	<p>Sun Internal Structure Model, 1/4 part detachable, 32cm diameter</p>	<p>The item shall have the following specifications:</p> <ol style="list-style-type: none"> <li>1. Model diameter: minimum of 12 inches.</li> <li>2. 1/4 part detachable and shows the different layer</li> <li>3. Must have correct permanent markings of the following parts as follows: <ol style="list-style-type: none"> <li>a. Core</li> <li>b. Radiation Zone</li> <li>c. Convection Zone</li> <li>d. Chromosphere</li> <li>e. Photosphere</li> <li>f. Prominence</li> <li>g. Sunspots</li> </ol> </li> <li>3. The layers of the model should be correctly labelled with permanent markings.</li> <li>4. Made of Plastic</li> </ol>		

		<p>5. The base stand is made of hard/tough plastic.</p> <p>6. The removable parts must be intact and not falling.</p> <p>7. Must be branded</p> <p>* "Imported products should pass international quality control product standards and have international quality control product markings such as CE, ISO, ASTM, ASQC, AFCIQ, ASQ, DGQ, EOQC, IQA, and the likes, while locally made products (Philippine-made) should pass the local quality control product standards and bear the PS mark." made) should pass the local quality control product standards and bear the PS mark."</p>		
	<p>Sun-Earth-Moon Model</p>	<p>The item shall have the following specifications:</p> <ol style="list-style-type: none"> <li>1. A standard scientific instrument designed to demonstrate Sun-Earth-Moon relationships. Hand-operated gear drive that moves the Earth's and moon in relation to the Sun. Shows the Earth's rotation, revolution, day and night, tilt of its axis, phases and eclipses of the Moon. Supported by a sturdy base and chrome-plated steel parts.</li> <li>2. Sun's sphere is illuminated with hole to focus a beam of light always to the globe; also indicates the month and phase of the moon in relation to the sun.</li> <li>3. All spheres (Sun, Earth, Moon) made of plastic; sizes must reflect relative differences of sizes between Sun, Moon, and Earth. Sun's diameter is at least 6 inches.</li> <li>4. With English User's Manual that includes operation guide and guide on how to replace the bulb in the model.</li> </ol> <p>* "Imported products should pass international quality control product standards and have international</p>		

		quality control product markings such as CE, ISO, ASTM, ASQC, AFCIQ, ASQ, DGQ, EOQC, IQA, and the likes, while locally made products (Philippine-made) should pass the local quality control product standards and bear the PS mark." made) should pass the local quality control product standards and bear the PS mark."		
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LOT NO.	ITEM	SPECIFICATION	Bidder's Statement of Compliance	Bidder's Actual Offer
8	Alcohol Burner, glass, 150 ml. Capacity	<p>The item shall have the following specifications.</p> <ol style="list-style-type: none"> <li>1. Clear, transparent, heavy-walled, bubble-free glass; threaded mouth, Capacity: 150 mL</li> <li>2. Features a globe shaped body and flat base</li> <li>3. Wick Holder: Made of nickel-plated steel with tube permanently attached to a threaded base</li> <li>4. With nickel-plated steel snuff cover/cap</li> <li>5. Replaceable wick is made of 3/16" braided cotton fiber with a minimum length of 150 mm (± 1mm) that is fitted to the wick tube;</li> <li>6. Height range: 101 mm to 103 mm Width range: 80 mm to 83 mm Empty weight range: 188g to 190g</li> <li>7. With 6 pcs 3/16" x 7" long replacement wick that perfectly fit the wick tube.</li> <li>8. For heating activities</li> </ol> <p>* "Imported products should pass international quality control product standards and have international quality control product markings such as CE, ISO, ASTM, ASQC, AFCIQ, ASQ, DGQ, EOQC, IQA, and the likes, while locally made products (Philippine-made) should pass the local quality control product standards and bear the PS mark." made) should pass the local quality control product standards and bear the PS mark."</p>		
	Alcohol Thermometer, -20°C to 110°C	<p>The item shall have the following specifications:</p> <ol style="list-style-type: none"> <li>1. Partial immersion type with immersion line indicator and ring top</li> </ol>		

		<ol style="list-style-type: none"> <li>2. Precision red alcohol-filled, reinforced bulbs, and with expansion chamber</li> <li>3. White back with non-roll sleeve</li> <li>4. Clear and permanent markings; scale never washes out</li> <li>5. Provided with non-roll plastic case.</li> <li>6. Continuous alcohol column  Range:-20°C to 110°C  Division: 1°C  Length: 300mm (± 1 mm)  Accuracy: ± 1.0° C  Diameter: 5.8 mm to 6.2 mm</li> <li>7. Measures temperature</li> </ol> <p>* "Imported products should pass international quality control product standards and have international quality control product markings such as CE, ISO, ASTM, ASQC, AFCIQ, ASQ, DGQ, EOQC, IQA, and the likes, while locally made products (Philippine-made) should pass the local quality control product standards and bear the PS mark." made) should pass the local quality control product standards and bear the PS mark."</p>		
	Electrolysis Apparatus, student-type	The item shall have the following specifications. <ol style="list-style-type: none"> <li>1. Consists of a glass jar: Ø 4.5 inches; Height = 5 inches</li> <li>2. With two platinum electrodes;</li> <li>3. With an acid-proof insulating support to hold the apparatus over the jar and with two binding posts (one red, one black).</li> <li>4. With two spring clips to hold two 150 mm long and 20 mm diameter reusable borosilicate graduated glass test tubes (25 mL)</li> <li>5. With power source: 220 V -240 V AC input)/ (0-12 V DC output, with switch selector <ol style="list-style-type: none"> <li>a) Comes with two (2) connecting wires (1 red, 1 black) with alligator clips (1 red, 1 black) soldered on one end of each connecting wire with banana plugs (1 red, 1 black) on the other end of each connecting wire Length: 12 inches  Type of wire: Stranded  Gauge no. 20</li> </ol> </li> </ol>		

		<ol style="list-style-type: none"> <li>6. With 9-volt battery and 1 battery snap</li> <li>7. With additional two (2) borosilicate reusable graduated glass test tubes (20 mm diameter and 150 mm long);</li> <li>8. With two rubber stoppers to fit perfectly the 25 mL graduated reusable borosilicate glass test tube</li> <li>9. Comes complete with a padded storage box to help prevent glass breakage.;</li> <li>10. With operations manual and assembly guide in English;</li> <li>11. To demonstrate decomposition of water into its elements</li> <li>12. Must have a brand.</li> </ol> <p>* "Imported products should pass international quality control product standards and have international quality control product markings such as CE, ISO, ASTM, ASQC, AFCIQ, ASQ, DGQ, EOQC, IQA, and the likes, while locally made products (Philippine-made) should pass the local quality control product standards and bear the PS mark." made) should pass the local quality control product standards and bear the PS mark."</p>		
	<p>Erlenmeyer Flask, 250 ml., borosilicate</p>	<p>The item shall have the following specifications.</p> <ol style="list-style-type: none"> <li>1. Borosilicate, bubble-free, clear and transparent glass</li> <li>2. Capacity: 250 ml <math>\pm</math>5% enameled onto glass. Thickness range: 1.5 mm to 2.0 mm</li> <li>3. Narrow-mouth neck inside diameter range 26 mm to 28 mm</li> <li>4. Heavy duty and beaded rim</li> <li>5. Outside diameter range: 80 to 82mm Height: 130 mm to 132 mm</li> <li>6. Permanent white graduations, with white enamel marking spot</li> <li>7. Graduation starts at 50 mL in 25 mL increments</li> <li>8. Graduation range: 50 mL to 200 mL</li> <li>9. Must be branded.</li> <li>10. For storing, mixing of chemical, and heating activities</li> </ol>		

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	Evaporating Dish, 75 ml. capacity	<p>The item shall have the following specifications.</p> <ol style="list-style-type: none"> <li>1. Porcelain; with pouring lip</li> <li>2. With spout</li> <li>3. Capacity: 75 mL</li> <li>4. Rim diameter range: 82 mm to 84 mm Height/Depth range: 32 mm to 34 mm</li> <li>5. Uniformly glazed inside (except for rim) and partly glazed outside except bottom surface.</li> <li>6. For heating a substance, to separate mixtures like salt solution and to evaporate solvents in a sample</li> </ol> <p>* "Imported products should pass international quality control product standards and have international quality control product markings such as CE, ISO, ASTM, ASQC, AFCIQ, ASQ, DGQ, EOQC, IQA, and the likes, while locally made products (Philippine-made) should pass the local quality control product standards and bear the PS mark." made) should pass the local quality control product standards and bear the PS mark."</p>		
	Glass Funnel	<p>The item shall have the following specifications:</p> <ol style="list-style-type: none"> <li>1. Borosilicate, transparent, bubble-free glass</li> </ol>		

		<ol style="list-style-type: none"> <li>2. Fluted with beaded edge and fire-polished rim</li> <li>3. With slanted tip and fire-polished stem</li> <li>4. Rim inner diameter.: 65 mm to 75 mm      Stem length: 65 mm to 75 mm</li> <li>5. Outside diameter of the stem tube: 8 mm (± 1 mm)</li> <li>6. Directs the smooth flow of the liquid or fine-grained substances into another container</li> <li>7. Must be branded.</li> </ol> <p>* "Imported products should pass international quality control product standards and have international quality control product markings such as CE, ISO, ASTM, ASQC, AFCIQ, ASQ, DGQ, EOQC, IQA, and the likes, while locally made products (Philippine-made) should pass the local quality control product standards and bear the PS mark." made) should pass the local quality control product standards and bear the PS mark."</p>		
	<p>Graduated Cup, 250 ml. capacity, plastic, transparent</p>	<p>The item shall have the following specifications:</p> <ol style="list-style-type: none"> <li>1. Translucent plastic material</li> <li>2. With pouring spout,</li> <li>3. crack resistant in 1meter distance fall.</li> <li>4. Permanent graduations</li> <li>5. Capacity:250mL Tolerance: ± 0.05</li> <li>6. Graduation Interval:10mL Tolerance: ±0.01</li> <li>7. Used for field work/ experiment</li> <li>8. Must be branded.</li> </ol> <p>* "Imported products should pass international quality control product standards and have international quality control product markings such as CE, ISO, ASTM, ASQC, AFCIQ, ASQ, DGQ, EOQC, IQA, and the likes, while locally made products (Philippine-made) should pass the local quality</p>		

		control product standards and bear the PS mark." made) should pass the local quality control product standards and bear the PS mark."		
	Graduated Pipette, 10 ml., with rubber pipettor	<p>The item shall have the following specifications:</p> <p><b>Graduated Pipette</b></p> <ol style="list-style-type: none"> <li>1. Serological, transfer type, bubble-free borosilicate glass mark TD- To deliver;</li> <li>2. Clear and transparent and is graduated to tip, zero at top;</li> <li>3. Color code: Orange;</li> <li>4. Permanent amber markings which are enameled onto the glass;</li> <li>5. Top end is constricted;</li> <li>6. Graduation interval: 0.1mL;</li> <li>7. Graduation is in descending scale;</li> </ol> <p><b>Rubber Pipettor</b></p> <ol style="list-style-type: none"> <li>1. 3-way Safety Bulb-type Pipet Filler, natural rubber, red;</li> <li>2. With pinch release valves that control air evacuation, liquid uptake, and liquid dispensing;</li> <li>3. Filler fits standard size pipettes</li> <li>4. To transfer liquids from one container to the other;</li> <li>5. Must have a brand.</li> </ol> <p>* "Imported products should pass international quality control product standards and have international quality control product markings such as CE, ISO, ASTM, ASQC, AFCIQ, ASQ, DGQ, EOQC, IQA, and the likes, while locally made products (Philippine-made) should pass the local quality control product standards and bear the PS mark." made) should pass the local quality control product standards and bear the PS mark."</p>		

	<p>Meterstick, plastic</p>	<p>The item shall have the following specifications.</p> <ol style="list-style-type: none"> <li>1. <i>Material:</i> Plastic</li> <li>2. <i>Thickness:</i> 6 mm ± 0.5 mm</li> <li>3. <i>Width:</i> 24 mm ± 1 mm</li> <li>4. Length: 1,000 mm</li> <li>5. The front is scaled in centimeters, numbered in every centimeter with 0.1 cm (or 1 mm) divisions.</li> <li>6. The back is scaled in inches, numbered in every inch with 1/8 inch divisions.</li> <li>7. The numbers and division lines are in dark color.</li> <li>8. Must be straight and flat and free from toxic materials.</li> <li>9. Edges and Surfaces should be smooth and even</li> <li>10. Comes with plastic jacket.</li> <li>11. Standard abbreviation of the measurement unit/s must be followed.</li> </ol> <p>* "Imported products should pass international quality control product standards and have international quality control product markings such as CE, ISO, ASTM, ASQC, AFCIQ, ASQ, DGQ, EOQC, IQA, and the likes, while locally made products (Philippine-made) should pass the local quality control product standards and bear the PS mark." made) should pass the local quality control product standards and bear the PS mark."</p>		
	<p>Mortar and Pestle, porcelain</p>	<p>The item shall have the following specifications.</p> <p>Mortar:</p> <ol style="list-style-type: none"> <li>1. Porcelain with pouring lip, rough interior and glazed exterior</li> <li>2. Outside diameter: 130 mm ± 10 mm</li> <li>3. Thickness range: 8 mm to 12 mm</li> </ol>		

		<p>Pestle:</p> <ol style="list-style-type: none"> <li>1. A heavy bat-shaped porcelain</li> <li>2. Uniformly glazed on its handle and rough on opposite end</li> <li>3. Length range: 110 mm to 130 mm</li> </ol> <p>For pulverizing, mashing or grinding, and mixing materials in a mortar using a pestle.</p> <p>* "Imported products should pass international quality control product standards and have international quality control product markings such as CE, ISO, ASTM, ASQC, AFCIQ, ASQ, DGQ, EOQC, IQA, and the likes, while locally made products (Philippine-made) should pass the local quality control product standards and bear the PS mark." made) should pass the local quality control product standards and bear the PS mark." * "Imported products should pass international quality control product standards and have international quality control product markings such as CE, ISO, ASTM, ASQC, AFCIQ, ASQ, DGQ, EOQC, IQA, and the likes, while locally made products (Philippine- made) should pass the local quality control product standards and bear the PS mark." made) should pass the local quality control product standards and bear the PS mark."</p>		
	<p>Petri Dish</p>	<p>The item shall have the following specifications:</p> <ol style="list-style-type: none"> <li>1. Borosilicate circular glass with beaded edges;</li> <li>2. Bubble-free, plain surface, autoclavable</li> <li>3. Outside Diameter of Cover: 100 mm±2 mm; Outside Diameter of Dish 92 mm ± 2 mm;</li> </ol>		

		<p>Overall height with cover (as assembled) = 20 mm ± 2 mm</p> <p>Glass thickness range: 2 mm to 2.2 mm</p> <p>4. Securely contains specimen under study</p> <p>* "Imported products should pass international quality control product standards and have international quality control product markings such as CE, ISO, ASTM, ASQC, AFCIQ, ASQ, DGQ, EOQC, IQA, and the likes, while locally made products (Philippine-made) should pass the local quality control product standards and bear the PS mark." made) should pass the local quality control product standards and bear the PS mark."</p>		
	<p>Spatula, porcelain and glazed</p>	<p>The item shall have the following specifications:</p> <ol style="list-style-type: none"> <li>1. Porcelain and uniformly glazed</li> <li>2. With spoon on one end, spatula on the other.</li> <li>3. Over-all length: 140 mm (± 1 mm)</li> <li>4. To transfer solids from one container to the other.</li> </ol> <p>* "Imported products should pass international quality control product standards and have international quality control product markings such as CE, ISO, ASTM, ASQC, AFCIQ, ASQ, DGQ, EOQC, IQA, and the likes, while locally made products (Philippine-made) should pass the local quality control product standards and bear the PS mark." made) should pass the local quality control product standards and bear the PS mark."</p>		
	<p>Stirring Rod, Ø 6mm x 250mm long</p>	<p>The item shall have the following specifications.</p> <ol style="list-style-type: none"> <li>1. Stirring Rod, Ø 6 mm x 250 mm long</li> <li>2. With rounded and fire-polished ends</li> <li>3. Soda lime, transparent and clear glass</li> </ol>		

		<p>4. For mixing liquids and solids</p> <p>* "Imported products should pass international quality control product standards and have international quality control product markings such as CE, ISO, ASTM, ASQC, AFCIQ, ASQ, DGQ, EOQC, IQA, and the likes, while locally made products (Philippine-made) should pass the local quality control product standards and bear the PS mark." made) should pass the local quality control product standards and bear the PS mark."</p>		
	Test Tube, Ø 16mm x 150mm long	<p>The item shall have the following specifications:</p> <ol style="list-style-type: none"> <li>1. Thickness range: 1.0 mm to 1.5 mm</li> <li>2. Borosilicate, bubble-free glass, 20 mL capacity; Ø 16 mm x 150 mm long</li> <li>3. With white permanent enamel marking spot</li> <li>4. Fire polished top and beaded rim</li> <li>5. To hold and can withstand heating small amounts of solids and liquids</li> <li>6. Must be branded.</li> </ol> <p>* "Imported products should pass international quality control product standards and have international quality control product markings such as CE, ISO, ASTM, ASQC, AFCIQ, ASQ, DGQ, EOQC, IQA, and the likes, while locally made products (Philippine-made) should pass the local quality control product standards and bear the PS mark." made) should pass the local quality control product standards and bear the PS mark."</p>		
	Volumetric Flask, 250 mL	<p>The item shall have the following specifications.</p> <ol style="list-style-type: none"> <li>1. Plastic stopper with octagonal grip;</li> <li>2. Borosilicate, clear, transparent, and bubble-free glass;</li> <li>3. Calibrated "to contain" (marked "TC" or "IN");</li> <li>4. Capacity: 250 mL Tolerance: ±0.12 mL , enamelled onto the glass</li> </ol>		

		<p>Height: 220-222 mm; Closure size: 14/23;</p> <ol style="list-style-type: none"> <li>5. With single ground-in graduation line, circular white;</li> <li>6. For precise dilutions and preparations of standard solutions for 250 mL capacity;</li> <li>7. Must have a brand.</li> </ol> <p>* "Imported products should pass international quality control product standards and have international quality control product markings such as CE, ISO, ASTM, ASQC, AFCIQ, ASQ, DGQ, EOQC, IQA, and the likes, while locally made products (Philippine-made) should pass the local quality control product standards and bear the PS mark." made) should pass the local quality control product standards and bear the PS mark."</p>		
	<p>Wash Bottle, plastic, 250 ml.</p>	<p>The item shall have the following specifications:</p> <ol style="list-style-type: none"> <li>1. Made of translucent, plastic material;</li> <li>2. Screw-type closure with its angled stem and draw tube molded in one piece;</li> <li>3. Easy squeeze dispensing; no leaks</li> <li>4. 250 mL capacity</li> <li>5. Used to store and dispense water for diluting solutions, washing precipitates and rinsing glasswares</li> </ol> <p>* "Imported products should pass international quality control product standards and have international quality control product markings such as CE, ISO, ASTM, ASQC, AFCIQ, ASQ, DGQ, EOQC, IQA, and the likes, while locally made products (Philippine-made) should pass the local quality control product standards and bear the PS mark." made) should pass the local quality control product standards and bear the PS mark."</p>		

	<p>Watch Glass</p>	<p>The item shall have the following specifications.</p> <ol style="list-style-type: none"> <li>1. Borosilicate, concave shape, clear and bubble-free glass</li> <li>2. Fire-polished edges</li> <li>3. Thickness range: 1.5 mm to 2 mm</li> <li>4. Diameter: 90 mm ± 1 mm</li> <li>5. To contain liquids and solids</li> <li>6. Used to cover glasswares like beakers, to evaporate solvents in a sample and to hold/contain liquids and solids for heating.</li> </ol> <p>* "Imported products should pass international quality control product standards and have international quality control product markings such as CE, ISO, ASTM, ASQC, AFCIQ, ASQ, DGQ, EOQC, IQA, and the likes, while locally made products (Philippine-made) should pass the local quality control product standards and bear the PS mark." made) should pass the local quality control product standards and bear the PS mark."</p>		
	<p>Glass Tubing, Ø 6mm x Ø 4mm x 1220mm long</p>	<p>The item shall have the following specifications:</p> <ol style="list-style-type: none"> <li>1. Glass Tubing, Ø 6 mm x Ø 4 mm x 1220 mm long (±1 mm);</li> <li>2. Soda lime glass;</li> <li>3. With fire polished ends;</li> <li>4. To connect other pieces of equipment to a gas or liquid assembly</li> </ol> <p>* "Imported products should pass international quality control product standards and have international quality control product markings such as CE, ISO, ASTM, ASQC, AFCIQ, ASQ, DGQ, EOQC, IQA, and the likes, while locally made products (Philippine-made) should pass the local quality control product standards and bear the PS mark." made) should pass the local</p>		

		quality control product standards and bear the PS mark."		
	Plastic Round Canister, 500 mL	<p>The item shall have the following specifications:</p> <ol style="list-style-type: none"> <li>1. Made of clear, plastic body</li> <li>2. Screw neck/ twist-on lids.</li> <li>3. Opening diameter range: 120 mm-200 mm Body height: 95 mm - 100mm</li> <li>4. Body thickness range: 1 mm -2.0 mm</li> <li>5. Label written the word " Soil Sample" (2 inches X 5 inches)</li> <li>6. Function: stores soil samples</li> </ol>		
	Beral Pipette Dropper, 1 ml Capacity	<p>The item shall have the following specifications:</p> <ol style="list-style-type: none"> <li>1. In plastic material with graduation, 1 mL capacity in 0.25mL grad interval;</li> <li>2. Non-toxic, durable type;</li> <li>3. Easy to clean and convenient</li> <li>4. No rubber head</li> <li>5. Total length: 140mm ± 1 mm</li> <li>6. Non-wetting so the pipets are easily rinsed and reused;</li> <li>7. With molded graduations</li> <li>8. To hold/transfer/dispense liquids up to 1 mL capacity</li> </ol> <p>* "Imported products should pass international quality control product standards and have international quality control product markings such as CE, ISO, ASTM, ASQC, AFCIQ, ASQ, DGQ, EOQC, IQA, and the likes, while locally made products (Philippine-made) should pass the local quality control product standards and bear the PS mark." made) should pass the local quality control product standards and bear the PS mark."</p>		

LOT NO.	ITEM	SPECIFICATION	Bidder's Statement of Compliance	Bidder's Actual Offer
9	Copper Sulfate, CuSO <sub>4</sub> , 100 grams / bottle	<p>The item shall have the following specifications:</p> <ol style="list-style-type: none"> <li>1. blue odorless crystalline solid, 100 g/bottle.</li> <li>2. All chemicals should be in original packaging, properly labeled with full chemical name, chemical formula, the name and address of the manufacturer, with appropriate hazard warning, with manufacturing and expiry date, chemical assay, and other useful information regarding the product. Expiration should be at least two years after pre-delivery inspection.</li> <li>3. Must be accompanied with MSDS (Material Safety Data Sheet);</li> <li>4. Must be in original packaging or in HDPE threaded chemical seal pack bottles</li> <li>5. Must be accompanied with Certificate of Analysis</li> <li>6. Must have a BRAND.</li> </ol>		
	Hydrochloric Acid, HCl, laboratory grade, 500ml / bottle	<p>The item shall have the following specifications.</p> <ol style="list-style-type: none"> <li>1. clear, colorless or slightly yellow liquid with pungent odor. Concentration: 6M, 37 % HCl; 500 mL/bottle;</li> <li>2. chemicals should be in original packaging properly labeled with full chemical name, chemical formula, the name and address of the manufacturer, with appropriate hazard warning, with manufacturing and expiry date, chemical assay, and other useful information regarding the product. Expiration should be at least two years after pre-delivery inspection.</li> </ol>		

		<ol style="list-style-type: none"> <li>3. Must be accompanied with MSDS (Material Safety Data Sheet);</li> <li>4. Must be in original packaging or in HDPE threaded chemical seal pack bottles</li> <li>5. Must be accompanied with Certificate of Analysis</li> <li>6. Must have a BRAND.</li> </ol>		
	Hydrochloric Acid, HCl, technical grade, 500 ml / bottle	<p>The item shall have the following specifications.</p> <ol style="list-style-type: none"> <li>1. clear, colorless or slightly yellow liquid with pungent odor;500 mL/bottle.;</li> <li>2. All chemicals should be in original packaging, properly labeled with full chemical name, chemical formula, the name and address of the manufacturer, with appropriate hazard warning, with manufacturing and expiry date, chemical assay, and other useful information regarding the product. Expiration should be at least two years after pre-delivery inspection.</li> <li>3. Must be accompanied with MSDS (Material Safety Data Sheet);</li> <li>4. Must be in original packaging or in HDPE threaded chemical seal pack bottles</li> <li>5. Must be accompanied with Certificate of Analysis</li> <li>6. Must have a BRAND.</li> </ol>		
	Magnesium Ribbon, 25 grams/roll (60 to 75 feet long)	<p>The item shall have the following specifications.</p> <ol style="list-style-type: none"> <li>1. silvery-gray metal, 25g/roll (60-75 feet long); (2 rolls);</li> <li>2. chemicals should be in original packaging properly labeled with full chemical name, chemical formula, the name and address of the manufacturer, with appropriate hazard warning, with manufacturing and expiry date, chemical assay, and other useful information regarding the product. Expiration should be at</li> </ol>		

		<p>least two years after pre-delivery inspection.</p> <ol style="list-style-type: none"> <li>3. Must be accompanied with MSDS (Material Safety Data Sheet);</li> <li>4. Must be in original packaging or in HDPE threaded chemical seal pack bottles</li> <li>5. Must be accompanied with Certificate of Analysis</li> <li>6. Must have a BRAND.</li> </ol>		
	Manganese Dioxide, 50 grams / bottle	<p>The item shall have the following specifications.</p> <ol style="list-style-type: none"> <li>1. Brown-black solid/ blackish or brown solid; 50 grams/bottle;</li> <li>2. chemicals should be in original packaging Properly labeled with full chemical name, chemical formula, the name and address of the manufacturer, with appropriate hazard warning, with manufacturing and expiry date, chemical assay, and other useful information regarding the product. Expiration should be at least two years after pre-delivery inspection.</li> <li>3. Must be accompanied with MSDS (Material Safety Data Sheet);</li> <li>4. Must be in original packaging or in HDPE threaded chemical seal pack bottles</li> <li>5. Must be accompanied with Certificate of Analysis</li> <li>6. Must have a BRAND.</li> </ol>		
	Phenolphthalein Indicator, 100 grams / bottle	<p>The item shall have the following specifications.</p> <ol style="list-style-type: none"> <li>1. Odorless white to cream powder; 100 grams/bottle;</li> <li>2. chemicals should be in original packaging, properly labeled with full chemical name, chemical formula, the name and address of the manufacturer, with appropriate hazard warning, with manufacturing and expiry date, chemical assay, and other useful information regarding the product. Expiration should be at least two years after pre-delivery inspection.</li> <li>3. Must be accompanied with MSDS (Material Safety Data Sheet);</li> </ol>		

		<ol style="list-style-type: none"> <li>4. Must be in original packaging or in HDPE threaded chemical seal pack bottles</li> <li>5. Must be accompanied with Certificate of Analysis</li> <li>6. Must have a BRAND.</li> </ol>		
	Potassium Chloride, 100 grams / bottle	<p>The item shall have the following specifications.</p> <ol style="list-style-type: none"> <li>1. white crystalline solid, 100 g/bottle;</li> <li>2. chemicals should be in original packaging Properly labeled with full chemical name, chemical formula, the name and address of the manufacturer, with appropriate hazard warning, with manufacturing and expiry date, chemical assay, and other useful information regarding the product. Expiration should be at least two years after pre-delivery inspection.</li> <li>3. Must be accompanied with MSDS (Material Safety Data Sheet);</li> <li>4. Must be in original packaging or in HDPE threaded chemical seal pack bottles</li> <li>5. Must be accompanied with Certificate of Analysis</li> <li>6. Must have a BRAND.</li> </ol>		
	Potassium Iodide, 100 grams / bottle	<p>The item shall have the following specifications.</p> <ol style="list-style-type: none"> <li>1. white granules and crystals;100 grams/bottle;</li> <li>2. chemicals should be in original packaging Properly labeled with full chemical name, chemical formula, the name and address of the manufacturer, with appropriate hazard warning, with manufacturing and expiry date, chemical assay, and other useful information regarding the product. Expiration should be at least two years after pre-delivery inspection.</li> <li>3. Must be accompanied with MSDS (Material Safety Data Sheet);</li> <li>4. Must be in original packaging or in HDPE threaded chemical seal pack bottles</li> <li>5. Must be accompanied with Certificate of Analysis</li> </ol>		

		6. Must be branded.		
	Sodium Hydroxide (Lye), 250 grams / bottle	<p>The item shall have the following specifications.</p> <ol style="list-style-type: none"> <li>1. odorless white semi-transparent solid; 250 grams/bottle;</li> <li>2. chemicals should be in original packaging, properly labeled with full chemical name, chemical formula, the name and address of the manufacturer, with appropriate hazard warning, with manufacturing and expiry date, chemical assay, and other useful information regarding the product. Expiration should be at least two years after pre-delivery inspection.</li> <li>3. Must be accompanied with MSDS (Material Safety Data Sheet);</li> <li>4. Must be in original packaging or in HDPE threaded chemical seal pack bottles</li> <li>5. Must be accompanied with Certificate of Analysis</li> <li>6. Must be branded.</li> </ol>		
	Sulfur Powder, 100 grams / bottle	<p>The item shall have the following specifications.</p> <ol style="list-style-type: none"> <li>1. fine yellow crystalline powder, with a faint odor and taste;</li> <li>2. chemicals should be in original packaging, properly labeled with full chemical name, chemical formula, the name and address of the manufacturer, with appropriate hazard warning, with manufacturing and expiry date, chemical assay, and other useful information regarding the product. Expiration should be at least two years after pre-delivery inspection.</li> <li>3. Must be accompanied with MSDS (Material Safety Data Sheet);</li> <li>4. Must be in original packaging or in HDPE threaded chemical seal pack bottles</li> <li>5. Must be accompanied with Certificate of Analysis</li> <li>6. Must be branded.</li> </ol>		

	Sulfuric Acid, technical grade, 500 ml / bottle	<p>The item shall have the following specifications.</p> <ol style="list-style-type: none"> <li>1. colorless,clear to hazy, odorless, oily looking liquid. 500 mL/bottle;</li> <li>2. chemicals should be in original packaging, properly labeled with full chemical name, chemical formula, the name and address of the manufacturer, with appropriate hazard warning, with manufacturing and expiry date, chemical assay, and other useful information regarding the product. Expiration should be at least two years after pre-delivery inspection.</li> <li>3. Must be accompanied with MSDS (Material Safety Data Sheet);</li> <li>4. Must be in original packaging or in HDPE threaded chemical seal pack bottles</li> <li>5. Must be accompanied with Certificate of Analysis</li> <li>6. Must have a BRAND.</li> </ol>		
	Zinc Chloride, 100 grams / bottle	<p>The item shall have the following specifications.</p> <ol style="list-style-type: none"> <li>1. white powder, crystals or granules; 100 grams/bottle;</li> <li>2. chemicals should be in original packaging properly labeled with full chemical name, chemical formula, the name and address of the manufacturer, with appropriate hazard warning, with manufacturing and expiry date, chemical assay, and other useful information regarding the product. Expiration should be at least two years after pre-delivery inspection.</li> <li>3. Must be accompanied with MSDS (Material Safety Data Sheet);</li> <li>4. Must be in original packaging or in HDPE threaded chemical seal pack bottles</li> <li>5. Must be accompanied with Certificate of Analysis</li> <li>6. Must be branded.</li> </ol>		
	Baking Soda (NaHCO <sub>3</sub> ), 200 grams/bottle	<p>The item shall have the following specifications:</p> <ol style="list-style-type: none"> <li>1. Baking Soda, (NaHCO<sub>3</sub>), 200 grams/bottle</li> </ol>		

		<ol style="list-style-type: none"> <li>2. Must be accompanied with Material Safety Data Sheet</li> <li>3. Used as indicator of soil pH</li> <li>4. Must be branded</li> </ol> <p>Note:</p> <p>All chemicals should be in original packaging properly labeled with full chemical name, chemical formula, the name and address of the manufacturer, with appropriate hazard warning, with manufacturing and expiry date, chemical assay, and other useful information regarding the product. Expiration should be at least two years after pre-delivery inspection.</p> <p>HDPE signifies a “resin identification code” imprinted in the container as coded.</p> <div style="text-align: center;">  </div>		
	<p>Boric Acid, 100 grams/bottle</p>	<p>The item shall have the following specifications:</p> <ol style="list-style-type: none"> <li>1. colorless or white odorless crystalline solid; 100 grams/bottle</li> </ol>		