

**SAMPLING PLAN**

Project: **Mass Production, Supply, Delivery, Installation, Training and Maintenance of Science and Mathematics Equipment Packages to Public Elementary Schools for Grades 1 to 3 & Grades 4 to 6, and Public Senior High Schools for Grades 11 to 12 (CORE & STEM) FY2025**

Sampling Technique: **Random Sampling**

Lot No.: **LOT 1 to 14**

| No.                                      | Item Description  | Unit | Quantity | Sample Size (rate & quantity) | Rejectable Quality Lever (RQL) (rate & quantity) | Remarks |
|--|---|------|----------|-------------------------------|--|---------|
| <b>MASS PRODUCTION</b>                   |   |      |          |                               |  |         |
| <b>LOT 1: BLR-DEVELOPED BASIC SCIKIT</b> |   |      |          |                               |  |         |
| 1  | BLR-developed Basic Scikit: Ø 9.5mm x 250mm long Stand Rod  | pc   | 49,160   | 500                           | 15   |         |
| 2  | BLR-developed Basic Scikit: Ø 9.5mm x 500mm long Stand Rod  | pc   | 49,160   | 500                           | 15   |         |
| 3  | BLR-developed Basic Scikit: Ø 12.7mm x 1000mm long Stand Rod                                      | pc   | 790      | 80                            | 4  |         |
| 4  | BLR-developed Basic Scikit: Rail  | lh   | 1,580    | 125                           | 6  |         |
| 5  | BLR-developed Basic Scikit: Ring with stem  | pc   | 49,160   | 500                           | 15   |         |
| 6  | BLR-developed Basic Scikit: Test Tube Rack  | pc   | 49,160   | 500                           | 15   |         |
| 7  | BLR-developed Basic Scikit: Wire Gauze  | pc   | 49,160   | 500                           | 15   |         |
| 8  | BLR-developed SCIKIT BASIC 001: Stand Base  | assy | 49,950   | 500                           | 15   |         |
| 9  | BLR-developed SCIKIT BASIC 001: Stand Support   | pc   | 49,950   | 500                           | 15   |         |
| 10                                       | BLR-developed SCIKIT BASIC 001: SCIKIT BASIC Storage Case 001 (With Cover and Base Sheathing)     | pc   | 9,832    | 200                           | 8  |         |
| 11                                       | BLR-developed SCIKIT BASIC 002: Multiclamp  | assy | 50,740   | 500                           | 15   |         |
| 12                                       | BLR-developed SCIKIT BASIC 002: Test Tube Holder  | pc   | 49,160   | 500                           | 15   |         |
| 13                                       | BLR-developed SCIKIT BASIC 002: SCIKIT BASIC Storage Case 002 (With Cover and Base Sheathing)     | pc   | 9,832    | 200                           | 8  |         |
| 14                                       | BLR-developed SCIKIT BASIC 003: Universal Clamp   | assy | 49,160   | 500                           | 15   |         |
| 15                                       | BLR-developed SCIKIT BASIC 003: Universal Bosshead  | assy | 49,160   | 500                           | 15   |         |
| 16                                       | BLR-developed SCIKIT BASIC 003: SCIKIT BASIC Storage Case 003 (With Cover and Base Sheathing)     | pc   | 9,832    | 200                           | 8  |         |
| 17                                       | BLR-developed Free Fall Apparatus (Mechanics 001): Ball Case (with Cover and foam)                | pc   | 790      | 80                            | 4  |         |
| 18                                       | BLR-developed Free Fall Apparatus (Mechanics 001): Digital Timer Assembly (Digital Stopwatch)     | assy | 790      | 80                            | 4  |         |
| 19                                       | BLR-developed Free Fall Apparatus (Mechanics 001): Metertape with hooks and plastic pointer       | assy | 790      | 80                            | 4  |         |
| 20                                       | BLR-developed Free Fall Apparatus (Mechanics 001): Ø 12.7mm Steel Spherical Ball                  | pc   | 790      | 80                            | 4  |         |
| 21                                       | BLR-developed Free Fall Apparatus (Mechanics 001): Ø 25mm Plastic Spherical Ball with metal screw | pc   | 790      | 80                            | 4  |         |
| 22                                       | BLR-developed Free Fall Apparatus (Mechanics 001): Ø 25mm Steel Spherical Ball                    | pc   | 790      | 80                            | 4  |         |
| 23                                       | BLR-developed Free Fall Apparatus (Mechanics 001): Pad Switch Assembly                            | assy | 790      | 80                            | 4  |         |
| 24                                       | BLR-developed Free Fall Apparatus (Mechanics 001): Solenoid Assembly                              | assy | 790      | 80                            | 4  |         |
| 25                                       | BLR-developed Free Fall Apparatus (Mechanics 001): Synchro Box Assembly                           | assy | 790      | 80                            | 4  |         |

| No.  | Item Description  | Unit   | Quantity | Sample Size (rate & quantity) | Rejectable Quality Lever (RQL) (rate & quantity) | Remarks |
|--|---|--------|----------|-------------------------------|--|---------|
| 26   | BLR-developed Free Fall Apparatus (Mechanics 001): SCIKIT MECHANICS Storage Case 001 (With Cover and Base Sheathing)        | pc     | 790      | 80                            | 4  |         |
| 27   | BLR-developed Dynamics Carts-Rail System (Mechanics 002): Cart-spring loaded  | pc     | 790      | 80                            | 4  |         |
| 28   | BLR-developed Dynamics Carts-Rail System (Mechanics 002): Cart-with counterweight   | pc     | 790      | 80                            | 4  |         |
| 29   | BLR-developed Dynamics Carts-Rail System (Mechanics 002): Cylindrical Mass, 50-gram   | pc     | 3,950    | 200                           | 8  |         |
| 30   | BLR-developed Dynamics Carts-Rail System (Mechanics 002): Driving Mass, 3-gram  | pc     | 3,950    | 200                           | 8  |         |
| 31   | BLR-developed Dynamics Carts-Rail System (Mechanics 002): Leveling Pad Assembly   | assy   | 790      | 80                            | 4  |         |
| 32   | BLR-developed Dynamics Carts-Rail System (Mechanics 002): Plastic Hammer  | pc     | 790      | 80                            | 4  |         |
| 33   | BLR-developed Dynamics Carts-Rail System (Mechanics 002): Modelling Clay, 1 bar/set   | bar    | 790      | 80                            | 4  |         |
| 34   | BLR-developed Dynamics Carts-Rail System (Mechanics 002): Stopper-Fork Assembly   | assy   | 790      | 80                            | 4  |         |
| 35   | BLR-developed Dynamics Carts-Rail System (Mechanics 002): String (thin), 1 ball/set   | ball   | 790      | 80                            | 4  |         |
| 36   | BLR-developed Dynamics Carts-Rail System (Mechanics 002): SCIKIT MECHANICS Storage Case 002 (With Cover and Base Sheathing) | pc     | 790      | 80                            | 4  |         |
| 37   | BLR-developed SCIKIT MECHANICS 003: 10-Newton Spring Balance  | assy   | 1,580    | 125                           | 6  |         |
| 38   | BLR-developed SCIKIT MECHANICS 003: Friction Block and Friction Board   | set    | 790      | 80                            | 4  |         |
| 39   | BLR-developed SCIKIT MECHANICS 003: Leveling Hose   | lh     | 790      | 80                            | 4  |         |
| 40   | BLR-developed: User's Manual (SCIKIT MECHANICS)   | pc     | 790      | 80                            | 4  |         |
| 41   | BLR-developed: Experiment Module (SCIKIT MECHANICS)   | pc     | 790      | 80                            | 4  |         |
| <b>LOT 2: BLR-developed SCIENCE AND MATHEMATICS EQUIPMENT (Elem, JHS, &amp; SHS)</b> |   |        |          |                               |  |         |
| 1  | BLR-developed Blackboard Compass  | pc     | 9,396    | 200                           | 8  |         |
| 2  | BLR-developed Blackboard Protractor   | pc     | 18,755   | 315                           | 11   |         |
| 3  | BLR-developed Heat Conductivity Apparatus   | pc     | 790      | 80                            | 4  |         |
| 4  | BLR-developed Light Source (Single Slit)  | pc     | 790      | 80                            | 4  |         |
| 5  | BLR-developed Set of Coils (Transformer)  | set    | 790      | 80                            | 4  |         |
| 6  | BLR-developed Variable Power Supply with 5 pcs. Terminal Board  | set    | 790      | 80                            | 4  |         |
| 7  | BLR-developed Fresh Water Aquarium with Stand   | pc     | 278      | 32                            | 2  |         |
| 8  | BLR-developed: Fraction Set   | set    | 93,775   | 500                           | 15   |         |
| 9  | BLR-developed: Linear Pair/Angle Demonstrator   | pc     | 46,980   | 500                           | 15   |         |
| 10   | BLR-developed: Number Blocks  | set    | 46,795   | 500                           | 15   |         |
| 11   | BLR-developed: Place Value Chart with decimal pockets   | pc     | 9,396    | 200                           | 8  |         |
| <b>LOT 3: BLR-DEVELOPED STORAGE CABINETS</b>   |   |        |          |                               |  |         |
| 1  | BLR-developed Storage Cabinet   | pc     | 9,832    | 200                           | 8  |         |
| <b>MARKET ITEMS</b>  |   |        |          |                               |  |         |
| <b>LOT 4: CHEMICALS</b>  |   |        |          |                               |  |         |
| 1  | Benedict's Solution, 100 mL/bottle  | bottle | 436      | 50                            | 3  |         |
| 2  | Boric Acid, 100 grams/bottle  | bottle | 436      | 50                            | 3  |         |
| 3  | Calcium Chloride, 100 grams / bottle  | bottle | 436      | 50                            | 3  |         |
| 4  | Copper Sulfate, CuSO <sub>4</sub> , 100 grams/bottle  | bottle | 436      | 50                            | 3  |         |
| 5  | Magnesium Ribbon, 25 grams, 1 roll  | roll   | 436      | 50                            | 3  |         |
| 6  | Manganese Dioxide, 50 grams / bottle  | bottle | 436      | 50                            | 3  |         |
| 7  | Phenolphthalein, 100 grams/bottle   | bottle | 436      | 50                            | 3  |         |
| 8  | Potassium Chloride, 100 grams / bottle  | bottle | 436      | 50                            | 3  |         |
| 9  | Potassium Iodide, 100 grams / bottle  | bottle | 436      | 50                            | 3  |         |
| 10   | Sodium Hydroxide (Lye), 250 grams/bottle  | bottle | 436      | 50                            | 3  |         |
| 11   | Zinc Chloride, 100 grams / bottle   | bottle | 436      | 50                            | 3  |         |
| 12   | Zinc metal, pellets/mossy, 100 grams / bottle   | bottle | 436      | 50                            | 3  |         |
| <b>LOT 5: GLASSWARES AND LAB TOOLS</b>   |   |        |          |                               |  |         |

| No.   | Item Description  | Unit  | Quantity | Sample Size (rate & quantity) | Rejectable Quality Lever (RQL) (rate & quantity) | Remarks |
|---|---|-------|----------|-------------------------------|--|---------|
| 1   | Beaker, borosilicate, 250 mL  | pc    | 49,160   | 500                           | 15   |         |
| 2   | Beaker, borosilicate, 50 mL   | pc    | 49,160   | 500                           | 15   |         |
| 3   | Burette, 10 mL capacity (acid)  | pc    | 790      | 80                            | 4  |         |
| 4   | Burette, 10 mL capacity (base)  | pc    | 790      | 80                            | 4  |         |
| 5   | Burner, Alcohol, glass, 150 mL Capacity                               | pc    | 49,160   | 500                           | 15   |         |
| 6   | Burner, Bunsen  | pc    | 2,180    | 125                           | 6  |         |
| 7   | Cork Stopper # 5 (for Ø 16mm test tube)                               | pc    | 790      | 80                            | 4  |         |
| 8   | Crucible with lid/cover   | pc    | 790      | 80                            | 4  |         |
| 9   | Dessicator  | pc    | 790      | 80                            | 4  |         |
| 10  | Dish, Evaporating, 75 mL  | pc    | 47,770   | 500                           | 15   |         |
| 11  | Distillation set-up: Condenser, Liebig-type                           | pc    | 158      | 32                            | 2  |         |
| 12  | Distillation set-up: Distilling Flask, borosilicate, 250ml,           | pc    | 158      | 32                            | 2  |         |
| 13  | Double burette clamp/holder   | pc    | 790      | 80                            | 4  |         |
| 14  | Electrolysis Apparatus, student-type (Brownlee)                       | pc    | 2,180    | 125                           | 6  |         |
| 15  | Flask, Erlenmeyer, borosilicate, narrow-mouth, 250 mL                 | pc    | 49,160   | 500                           | 15   |         |
| 16  | Funnel, borosilicate, fluted  | pc    | 49,160   | 500                           | 15   |         |
| 17  | Glass Tubing  | pc    | 49,160   | 500                           | 15   |         |
| 18  | Manometer, Open U-tube  | pc    | 790      | 80                            | 4  |         |
| 19  | Mortar and Pestle, porcelain, 150 mL.                                 | pc    | 49,160   | 500                           | 15   |         |
| 20  | Osmosis Apparatus   | pc    | 2,180    | 125                           | 6  |         |
| 21  | Reagent Bottle, narrow-mouth, amber, borosilicate, 250 mL             | pc    | 2,180    | 125                           | 6  |         |
| 22  | Reagent Bottle, wide-mouth, transparent, borosilicate, 250 mL         | pc    | 2,180    | 125                           | 6  |         |
| 23  | Rubber Stopper # 0 (for Ø 16mm test tube)                             | pc    | 790      | 80                            | 4  |         |
| 24  | Spatula, spoon, porcelain and glazed                                  | pc    | 49,160   | 500                           | 15   |         |
| 25  | Stirring Rod, Ø 6 mm x 250 mm long                                    | pc    | 49,160   | 500                           | 15   |         |
| 26  | Test tube brush   | pc    | 49,160   | 500                           | 15   |         |
| 27  | Test Tube, borosilicate, Ø 16 mm x 150 mm long                        | pc    | 245,800  | 800                           | 22   |         |
| 28  | Tong, Crucible  | pc    | 790      | 80                            | 4  |         |
| 29  | Vial, screw-neck, 25 ml. (with screw-type plastic cap)                | pc    | 245,800  | 800                           | 22   |         |
| 30  | Vial, screw-neck, 50 mL. (with screw-type plastic cap)                | pc    | 245,800  | 800                           | 22   |         |
| 31  | Volumetric Flask, borosilicate 250 mL                                 | pc    | 2,180    | 125                           | 6  |         |
| 32  | Watch Glass, Ø 90 mm  | pc    | 49,160   | 500                           | 15   |         |
| 33  | Water test kit  | kit   | 790      | 80                            | 4  |         |
| <b>LOT 6: SCIENCE DEVICES, INSTRUMENTS, AND MEASURING TOOLS - MATTER</b>                              |   |       |          |                               |  |         |
| 1   | Balance, Toploading, Electronic                                       | pc    | 2,180    | 125                           | 6  |         |
| 2   | Balance, Triple Beam, with tare, 2610-gram                            | pc    | 2,180    | 125                           | 6  |         |
| 3   | Calorimeter   | pc    | 2,180    | 125                           | 6  |         |
| 4   | Centrifuge  | pc    | 790      | 80                            | 4  |         |
| 5   | Digital pocket thermometer  | pc    | 2,180    | 125                           | 6  |         |
| 6   | Electrical Conductivity (Conductivity of Solutions) Apparatus         | pc    | 2,180    | 125                           | 6  |         |
| 7   | Filter Paper, crepe, 580mm x 580 mm sheet, Grade 0905                 | sheet | 49,160   | 500                           | 15   |         |
| 8   | Gloves, Hand, super nitrile   | pair  | 49,160   | 500                           | 15   |         |
| 9   | Graduated Cylinder, borosilicate, 10 mL                               | pc    | 49,160   | 500                           | 15   |         |
| 10  | Graduated Cylinder, borosilicate, 100 mL                              | pc    | 49,160   | 500                           | 15   |         |
| 11  | Graduated pipette with rubber pipettor, borosilicate, 10 mL           | pc    | 2,180    | 125                           | 6  |         |
| 12  | Hydrometer for heavy liquids  | pc    | 790      | 80                            | 4  |         |
| 13  | Hydrometer for light liquids  | pc    | 790      | 80                            | 4  |         |
| 14  | Laboratory Hot Plate with magnetic stirrer                            | pc    | 2,180    | 125                           | 6  |         |
| 15  | pH meter, hand-held, digital  | pc    | 2,180    | 125                           | 6  |         |
| 16  | Safety Goggles, polycarbonate   | pair  | 49,160   | 500                           | 15   |         |
| 17  | Thermometer, Laboratory type, Alcohol, -20°C to 110°C                 | pc    | 49,160   | 500                           | 15   |         |
| 18  | Universal pH indicator  | pc    | 2,180    | 125                           | 6  |         |
| 19  | Water Quality Meter/Tester 5 in 1 (TDS/ pH/EC/ salinity/ temperature) | pc    | 872      | 80                            | 4  |         |
| <b>LOT 7: SCIENCE DEVICES, INSTRUMENTS, AND MEASURING TOOLS - EARTH &amp; SPACE and LIVING THINGS</b> |   |       |          |                               |  |         |

| No.  | Item Description   | Unit | Quantity | Sample Size (rate & quantity) | Rejectable Quality Lever (RQL) (rate & quantity) | Remarks |
|--|--|------|----------|-------------------------------|--|---------|
| 1  | Anemometer with Wind Vane, Cup type                        | pc   | 9,396    | 200                           | 8  |         |
| 2  | Barometer-Thermometer-Humidity (3-in-1 Analog Instrument)  | pc   | 9,396    | 200                           | 8  |         |
| 3  | Compass, Magnetic  | pc   | 46,980   | 500                           | 15   |         |
| 4  | Dissecting Set with pan                                    | set  | 790      | 80                            | 4  |         |
| 5  | Gloves, Surgical   | pair | 1,580    | 125                           | 6  |         |
| 6  | Hand Lens, 10x magnification                               | pc   | 1,390    | 125                           | 6  |         |
| 7  | Hand Lens, 5x magnification                                | pc   | 94,565   | 500                           | 15   |         |
| 8  | Microscope, Digital  | pc   | 436      | 50                            | 3  |         |
| 9  | Pipette, Beral, 1 mL                                       | pc   | 7,900    | 200                           | 8  |         |
| 10   | Protein Synthesis Demonstration Set                        | set  | 436      | 50                            | 3  |         |
| 11   | Rain Gauge   | pc   | 9,396    | 200                           | 8  |         |
| 12   | Reaction Plates with 6 Wells                               | pc   | 1,390    | 125                           | 6  |         |
| 13   | Sedimentator Tube  | pc   | 46,980   | 500                           | 15   |         |
| 14   | Soil pH, Moisture, Sunlight Meter                          | pc   | 1,390    | 125                           | 6  |         |
| 15   | Soil/Test Sieve  | pc   | 9,396    | 200                           | 8  |         |
| 16   | Tong, Beaker   | pc   | 49,160   | 500                           | 15   |         |
| 17   | Wash bottle, plastic, 250 mL                               | pc   | 49,160   | 500                           | 15   |         |
| <b>LOT 8: MATHEMATICAL MANIPULATIVES</b>               |  |      |          |                               |  |         |
| 1  | Base Ten Blocks  | set  | 93,775   | 500                           | 15   |         |
| 2  | Beads  | set  | 9,359    | 200                           | 8  |         |
| 3  | Circle Area Demonstrator                                   | pc   | 9,396    | 200                           | 8  |         |
| 4  | Compass, Drawing, student type                             | pc   | 375,840  | 800                           | 22   |         |
| 5  | Cuisenaire Rods, set of 5                                  | set  | 9,359    | 200                           | 8  |         |
| 6  | Elapsed Time (Clock) Set                                   | pc   | 9,359    | 200                           | 8  |         |
| 7  | Geoboard, 11 x 11  | pc   | 93,960   | 500                           | 15   |         |
| 8  | Geoboard, 5 x 5  | pc   | 93,590   | 500                           | 15   |         |
| 9  | Geostrips  | set  | 93,775   | 500                           | 15   |         |
| 10   | Ghost Grid Whiteboard, Mobile Magnetic                     | unit | 19,191   | 315                           | 11   |         |
| 11   | Linking Cubes  | set  | 93,775   | 500                           | 15   |         |
| 12   | Model, Basic 3D Geometrical Collapsible                    | set  | 46,980   | 500                           | 15   |         |
| 13   | Model, Basic 3D Geometrical Solids                         | set  | 9,396    | 200                           | 8  |         |
| 14   | Pattern Blocks, 250 pcs/set                                | set  | 37,510   | 500                           | 15   |         |
| 15   | Pentominoes  | set  | 93,775   | 500                           | 15   |         |
| 16   | Plastic Two-colored Counters, 1-inch diameter, 200 pcs/set | set  | 46,795   | 500                           | 15   |         |
| 17   | Probability Kit  | set  | 9,359    | 200                           | 8  |         |
| 18   | Square Units/Tiles, plastic                                | set  | 28,077   | 315                           | 11   |         |
| 19   | Tangrams, set of 30  | set  | 9,396    | 200                           | 8  |         |
| <b>LOT 9: MATHEMATICAL TOOLS &amp; INSTRUMENT</b>      |  |      |          |                               |  |         |
| 1  | Balance, Double-pan  | pc   | 46,795   | 500                           | 15   |         |
| 2  | Calculator, Graphing, non-projectable                      | pc   | 2,180    | 125                           | 6  |         |
| 3  | Calculator, Scientific                                     | pc   | 17,440   | 315                           | 11   |         |
| 4  | Digital Clock, tabletop                                    | pc   | 9,396    | 200                           | 8  |         |
| 5  | Measuring Kit (Volume)                                     | set  | 9,359    | 200                           | 8  |         |
| 6  | Meterstick, plastic  | pc   | 375,100  | 800                           | 22   |         |
| 7  | Protractor (for student)                                   | pc   | 750,200  | 1,250                         | 22   |         |
| 8  | Ruler, Plastic, 30 cm/300 mm                               | pc   | 750,200  | 1,250                         | 22   |         |
| 9  | Scale, Spring, Hanging type                                | pc   | 9,359    | 200                           | 8  |         |
| 10   | Scale, Weighing, analog, 10 kg. capacity                   | pc   | 9,359    | 200                           | 8  |         |
| 11   | Scale, Weighing, bathroom-type                             | pc   | 9,359    | 200                           | 8  |         |
| 12   | Tape Measure, 1.5 meters                                   | pc   | 375,100  | 800                           | 22   |         |
| 13   | Template, shapes   | pc   | 46,795   | 500                           | 15   |         |
| <b>LOT 10: MODELS: EARTH AND OTHER HEAVENLY BODIES</b> |  |      |          |                               |  |         |
| 1  | Globe, Celestial   | pc   | 46,980   | 500                           | 15   |         |
| 2  | Globe, Terrestrial   | pc   | 46,980   | 500                           | 15   |         |
| 3  | Model, Tectonics Demonstrator                              | kit  | 278      | 32                            | 2  |         |
| 4  | Model, Volcano, cross section                              | pc   | 278      | 32                            | 2  |         |
| 5  | Rock Samples, 24 pcs/set, (minerals of 3 rock types)       | set  | 9,396    | 200                           | 8  |         |
| 6  | Telescope, Astronomical (Reflecting)                       | pc   | 278      | 32                            | 2  |         |
| <b>LOT 11: MODELS: THE HUMAN ANATOMY</b>               |  |      |          |                               |  |         |
| 1  | Model, Human Circulatory System                            | pc   | 9,674    | 200                           | 8  |         |
| 2  | Model, Human Endocrine System                              | pc   | 278      | 32                            | 2  |         |
| 3  | Model, Human Nervous System                                | pc   | 278      | 32                            | 2  |         |
| 4  | Model, Human Nose (Nasal-Throat Anatomy)                   | pc   | 9,396    | 200                           | 8  |         |
| 5  | Model, Human Skeleton                                      | pc   | 9,396    | 200                           | 8  |         |

| No.  | Item Description  | Unit  | Quantity | Sample Size (rate & quantity) | Rejectable Quality Lever (RQL) (rate & quantity) | Remarks |
|--|---|-------|----------|-------------------------------|--|---------|
| 6  | Model, Human Torso  | pc    | 9,674    | 200                           | 8  |         |
| 7  | Model, Lung Demonstration   | pc    | 9,396    | 200                           | 8  |         |
| 8  | Model, Pumping Heart  | pc    | 9,396    | 200                           | 8  |         |
| 9  | Model, Reproductive System, Female (Pelvic Anatomy)   | pc    | 9,396    | 200                           | 8  |         |
| 10   | Model, Reproductive System, Male  | pc    | 9,396    | 200                           | 8  |         |
| 11   | Model, Human Digestive System   | pc    | 9,396    | 200                           | 8  |         |
| <b>LOT 12: MODELS: OTHER BIOLOGICAL STRUCTURES AND SPECIES</b> |   |       |          |                               |  |         |
| 1  | Model, Animal Cell  | pc    | 158      | 32                            | 2  |         |
| 2  | Model, Animal Meiosis   | set   | 158      | 32                            | 2  |         |
| 3  | Model, Animal Mitosis   | set   | 158      | 32                            | 2  |         |
| 4  | Model, Chloroplast  | pc    | 158      | 32                            | 2  |         |
| 5  | Model, DNA  | pc    | 158      | 32                            | 2  |         |
| 6  | Model, Invertebrates  | set   | 46,980   | 500                           | 15   |         |
| 7  | Model, Mitochondrion  | pc    | 158      | 32                            | 2  |         |
| 8  | Model, Plant Cell   | pc    | 158      | 32                            | 2  |         |
| 9  | Model, Vertebrates  | set   | 46,980   | 500                           | 15   |         |
| <b>LOT 13: MODELS: MOLECULAR GEOMETRY</b>                      |   |       |          |                               |  |         |
| 1  | Model, Atomic Orbital, 82-pc  | set   | 2,180    | 125                           | 6  |         |
| 2  | Model, Biochemistry Molecular, (262 atom parts)   | set   | 2,180    | 125                           | 6  |         |
| 3  | Model, Crystal Structures Set (Graphite, diamond, sodium chloride, carbon dioxide)                            | set   | 2,180    | 125                           | 6  |         |
| 4  | Model, Molecular, Inorganic/Organic (307-pc)  | pc    | 2,180    | 125                           | 6  |         |
| 5  | Model, Sublevel Orbitals of the Atom (Quantum)  | pc    | 2,180    | 125                           | 6  |         |
| 6  | Model, VSEPR, 14 shapes (50-pc)   | pc    | 2,180    | 125                           | 6  |         |
| 7  | Models, Organic Stereo-chemistry Molecular  | set   | 790      | 80                            | 4  |         |
| 8  | Molecular Orbital Organic Structures Set 4 Models Collection Set (Benzene, Ethane, Ethene & Ethyne)           | set   | 790      | 80                            | 4  |         |
| <b>LOT 14: FORCE, MOTION, AND ENERGY KITS</b>                  |   |       |          |                               |  |         |
| 1  | Advanced Electromagnetism Kit   | kit   | 790      | 80                            | 4  |         |
| 2  | Air Blower  | pc    | 158      | 32                            | 2  |         |
| 3  | Archimedes Principle Set  | set   | 790      | 80                            | 4  |         |
| 4  | Basic Electronics Kit   | kit   | 790      | 80                            | 4  |         |
| 5  | Basic Lens Set, acrylic   | pc    | 2,180    | 125                           | 6  |         |
| 6  | Coefficient of Linear Expansion   | pc    | 790      | 80                            | 4  |         |
| 7  | Connector, Black (# 18 copper, AWG stranded) with alligator clip on one end and banana plug on the other end  | pc    | 144,100  | 500                           | 15   |         |
| 8  | Connector, Red (# 18 copper, AWG stranded) with alligator clip on one end and banana plug on the other end    | pc    | 144,100  | 500                           | 15   |         |
| 9  | Connector, Yellow (# 18 copper, AWG stranded) with alligator clip on one end and banana plug on the other end | pc    | 144,100  | 500                           | 15   |         |
| 10   | DC Ammeter  | pc    | 790      | 80                            | 4  |         |
| 11   | DC String Vibrator, string included   | pc    | 1,390    | 125                           | 6  |         |
| 12   | DC Voltmeter  | pc    | 790      | 80                            | 4  |         |
| 13   | Diffraction slits & Diffraction grating Set   | set   | 2,180    | 125                           | 6  |         |
| 14   | Digital Geiger-Muller Counter with radioisotopes samples  | set   | 158      | 32                            | 2  |         |
| 15   | Dry Cell Holder (size D)  | pc    | 97,120   | 500                           | 15   |         |
| 16   | Dry Cell, 1.5 volts, size D   | pc    | 191,080  | 800                           | 22   |         |
| 17   | Engine Model (Internal Combustion)  | pc    | 790      | 80                            | 4  |         |
| 18   | Flask, Florence, glass, 500 mL  | pc    | 790      | 80                            | 4  |         |
| 19   | Force Table   | pc    | 790      | 80                            | 4  |         |
| 20   | Fuse Holder w/ Fuse   | pc    | 790      | 80                            | 4  |         |
| 21   | Galvanometer  | pc    | 790      | 80                            | 4  |         |
| 22   | Helical Spring  | pc    | 790      | 80                            | 4  |         |
| 23   | Iron Core Rod (non-corrugated)  | pc    | 46,980   | 500                           | 15   |         |
| 24   | Laser Light   | pc    | 1,390    | 125                           | 6  |         |
| 25   | Long Nose Pliers, 1 pair/set  | pc    | 46,980   | 500                           | 15   |         |
| 26   | Magnet Wire   | spool | 46,980   | 500                           | 15   |         |
| 27   | Manometer, Open U-tube with Nakamura-type Water Pressure Apparatus  | pc    | 790      | 80                            | 4  |         |

| No. | Item Description  | Unit | Quantity | Sample Size (rate & quantity) | Rejectable Quality Lever (RQL) (rate & quantity) | Remarks |
|-----|---|------|----------|-------------------------------|--|---------|
| 28  | <b>Miniature Light Bulb</b>                             | pc   | 2,370    | 125                           | 6  |         |
| 29  | <b>Miniature Light Bulb Holder</b>                      | assy | 2,370    | 125                           | 6  |         |
| 30  | <b>Multimeter, digital</b>                              | pc   | 790      | 80                            | 4  |         |
| 31  | <b>Optical Bench Set</b>                                | set  | 1,390    | 125                           | 6  |         |
| 32  | <b>Pair of Bar Magnets</b>                              | pair | 46,980   | 500                           | 15   |         |
| 33  | <b>Prism Set</b>  | set  | 2,180    | 125                           | 6  |         |
| 34  | <b>Resistance Board</b>                                 | pc   | 790      | 80                            | 4  |         |
| 35  | <b>Ring and Ball Apparatus</b>                          | pc   | 790      | 80                            | 4  |         |
| 36  | <b>Ripple Tank Set</b>                                  | set  | 1,390    | 125                           | 6  |         |
| 37  | <b>Slinky Coil, metal</b>                               | pc   | 790      | 80                            | 4  |         |
| 38  | <b>Sound Resonance Set: Resonance Tube, close-ended</b> | pc   | 790      | 80                            | 4  |         |
| 39  | <b>Switch, Knife type, Single Pole Single Throw</b>     | pc   | 790      | 80                            | 4  |         |
| 40  | <b>Toy Car, non-friction, non-battery</b>               | pc   | 46,980   | 500                           | 15   |         |
| 41  | <b>Tuning Fork Set</b>                                  | pc   | 790      | 80                            | 4  |         |
| 42  | <b>Vacuum Tube and Manual Vacuum Pump</b>               | set  | 1,390    | 125                           | 6  |         |