



**Bids and Awards Committee V**

SUBJECT : **BID BULLETIN No. 2**

PROJECT NO. : **2023-BLR4(001&005)-BV-CB-022**

PROJECT : **Mass Production, Supply, and Delivery of Science and Mathematics Equipment Packages to Public Elementary Schools for Grades 1 to 3 and Grades 4 to 6, Public Junior High Schools for Grades 7 to 10, and Public Senior High Schools for Grades 11 to 12 (Core & STEM) 2022 Rebid and 2023**

DATE : **August 2, 2023**

This Bid Bulletin is hereby issued for the information and guidance of all prospective bidders and shall form an integral part of the bidding documents issued earlier for the above project.

**I. Section I. Invitation to Bid**

1. **Item No. 1**, on pages 8-12 of the bidding documents and on page 1 of bid bulletin no. 1 for **Lots 1 to 5**, is hereby amended, as follows:

LOT NO.	DESCRIPTION	ITEMS	APPROVED BUDGET FOR THE CONTRACT (ABC) in PhP
<b>MASS PRODUCTION - DEVELOPED STORAGE CABINET</b>			
LOT 1-A	Location I (NCR, R4B, R7, R9)	-1 item indicated in Annex "A" and Section VI. Schedule of Requirement of this Bidding Document	79,411,482.12
LOT 1-B	Location II (CAR, CARAGA, R1, R3, R4A, R8)	-1 item indicated in Annex "A" and Section VI. Schedule of Requirement of this Bidding Document	74,205,669.03
LOT 1-C	Location III (R2, R5, R6, R10, R11, R12)	-1 item indicated in Annex "A" and Section VI. Schedule of Requirement of this Bidding Document	93,065,325.22
<b>MARKET ITEMS - CHEMICALS</b>			
LOT 2-A	Location I (NCR, R4B, R7, R9)	-18 items indicated in Annex "A" and Section VI. Schedule of Requirement of this Bidding Document	8,352,359.81
LOT 2-B	Location II (CAR, CARAGA, R1, R3, R4A, R8)	-18 items indicated in Annex "A" and Section VI. Schedule of Requirement of this Bidding Document	12,106,318.84
LOT 2-C	Location III (R2, R5, R6, R10, R11, R12)	-18 items indicated in Annex "A" and Section VI. Schedule of Requirement of this Bidding Document	16,023,498.08
<b>MARKET ITEMS - GLASSWARES AND LAB TOOLS</b>			

LOT 3-A	Location I (NCR, R4B, R7, R9)	-32 items indicated in Annex "A" and Section VI. Schedule of Requirement of this Bidding Document	17,493,357.03
LOT 3-B	Location II (CAR, CARAGA, R1, R3, R4A, R8)	-32 items indicated in Annex "A" and Section VI. Schedule of Requirement of this Bidding Document	18,825,030.60
LOT 3-C	Location III (R2, R5, R6, R10, R11, R12)	-32 items indicated in Annex "A" and Section VI. Schedule of Requirement of this Bidding Document	23,695,623.83
<b>MARKET ITEMS - SCIENCE POWERED DEVICES AND INSTRUMENTS</b>			
LOT 4-A	Location I (NCR, R4B, R7, R9)	-7 items indicated in Annex "A" and Section VI. Schedule of Requirement of this Bidding Document	14,653,918.62
LOT 4-B	Location II (CAR, CARAGA, R1, R3, R4A, R8)	-7 items indicated in Annex "A" and Section VI. Schedule of Requirement of this Bidding Document	19,466,220.41
LOT 4-C	Location III (R2, R5, R6, R10, R11, R12)	-7 items indicated in Annex "A" and Section VI. Schedule of Requirement of this Bidding Document	25,767,101.23
<b>MARKET ITEMS - MATHEMATICAL MANIPULATIVES</b>			
LOT 5-A	Location I (NCR, R4B, R7, R9)	-19 items indicated in Annex "A" and Section VI. Schedule of Requirement of this Bidding Document	53,370,924.75
LOT 5-B	Location II (CAR, CARAGA, R1, R3, R4A, R8)	-19 items indicated in Annex "A" and Section VI. Schedule of Requirement of this Bidding Document	41,126,709.24
LOT 5-C	Location III (R2, R5, R6, R10, R11, R12)	-19 items indicated in Annex "A" and Section VI. Schedule of Requirement of this Bidding Document	51,199,398.31
6 MP-DBS	DEVELOPED BASIC SCIKIT (MP-LOT 6)	-55 items indicated in Annex "A" and Section VI. Schedule of Requirement of this Bidding Document	284,509,879.30
7 MP-DS&ME	DEVELOPED SCIENCE AND MATHEMATICS EQUIPMENT (MP-LOT 7)	-15 items indicated in Annex "A" and Section VI. Schedule of Requirement of this Bidding Document	191,277,845.93
8 MP-DSC	DEVELOPED STORAGE CABINET (MP-LOT 8)	-1 items indicated in Annex "A" and Section VI. Schedule of Requirement of this Bidding Document	281,159,571.83
9 MI-C	CHEMICALS (MI-LOT 9)	-18 items indicated in Annex "A" and Section VI. Schedule of Requirement of this Bidding Document	44,984,414.29
10 MI-GLT	GLASSWARES AND LAB TOOLS (MI-LOT 10)	-30 items indicated in Annex "A" and Section VI. Schedule of Requirement of this Bidding Document	64,297,168.92
11 MI-SDIMTM	SCIENCE DEVICES, INSTRUMENTS AND MEASURING TOOLS-MATTER (MI-LOT 11)	-15 items indicated in Annex "A" and Section VI. Schedule of Requirement of this Bidding Document	93,723,640.46
12 MI-SDIMTESLT	SCIENCE DEVICES, INSTRUMENTS, AND MEASURING TOOLS -	-25 items indicated in Annex "A" and Section VI. Schedule of Requirement of this Bidding Document	311,072,470.59

	EARTH & SPACE AND LIVING THINGS (MI-LOT 12)		
13 MI-MM	MATHEMATICAL MANIPULATIVES (MI-LOT 13)	-19 items indicated in Annex "A" and Section VI. Schedule of Requirement of this Bidding Document	159,919,750.85
14 MI-MTI	MATHEMATICAL TOOLS AND INSTRUMENT (MI- LOT 14)	-16 items indicated in Annex "A" and Section VI. Schedule of Requirement of this Bidding Document	169,016,448.51
15 MI-M:EHB	MODELS: EARTH AND OTHER HEAVENLY BODIES (MI-LOT 15)	-12 items indicated in Annex "A" and Section VI. Schedule of Requirement of this Bidding Document	160,357,540.58
16 MI-M:HA	MODELS: THE HUMAN ANATOMY (MI-LOT 16)	-14 items indicated in Annex "A" and Section VI. Schedule of Requirement of this Bidding Document	89,348,292.55
17 MI-M:BSS	MODELS: OTHER BIOLOGICAL STRUCTURES AND SPECIES (MI-LOT 17)	-10 items indicated in Annex "A" and Section VI. Schedule of Requirement of this Bidding Document	64,726,228.19
18 MI-M:MG	MODELS: MOLECULAR GEOMETRY (MI-LOT 18)	-6 items indicated in Annex "A" and Section VI. Schedule of Requirement of this Bidding Document	51,006,144.41
19 MI-FMEK	FORCE, MOTION AND ENERGY KITS (MI-LOT 19)	-48 items indicated in Annex "A" and Section VI. Schedule of Requirement of this Bidding Document	160,205,958.38
TOTAL			2,674,368,291.92

## II. Section III. Bid Data Sheet

1. **Item 19.3**, on pages 21-28 of the bidding documents and on page 3 of bid bulletin no. 1 for **Lots 1 to 5**, is hereby amended, as follows:

LOT NO.	DESCRIPTION	ITEMS	APPROVED BUDGET FOR THE CONTRACT (ABC) in PhP
<b>MASS PRODUCTION - DEVELOPED STORAGE CABINET</b>			
LOT 1-A	Location I (NCR, R4B, R7, R9)	-1 item indicated in Annex "A" and Section VI. Schedule of Requirement of this Bidding Document	79,411,482.12
LOT 1-B	Location II (CAR, CARAGA, R1, R3, R4A, R8)	-1 item indicated in Annex "A" and Section VI. Schedule of Requirement of this Bidding Document	74,205,669.03
LOT 1-C	Location III (R2, R5, R6, R10, R11, R12)	-1 item indicated in Annex "A" and Section VI. Schedule of Requirement of this Bidding Document	93,065,325.22
<b>MARKET ITEMS - CHEMICALS</b>			
LOT 2-A	Location I (NCR, R4B, R7, R9)	-18 items indicated in Annex "A" and Section VI. Schedule of Requirement of this Bidding Document	8,352,359.81

LOT 2-B	Location II (CAR, CARAGA, R1, R3, R4A, R8)	-18 items indicated in Annex "A" and Section VI. Schedule of Requirement of this Bidding Document	12,106,318.84
LOT 2-C	Location III (R2, R5, R6, R10, R11, R12)	-18 items indicated in Annex "A" and Section VI. Schedule of Requirement of this Bidding Document	16,023,498.08
<b>MARKET ITEMS - GLASSWARES AND LAB TOOLS</b>			
LOT 3-A	Location I (NCR, R4B, R7, R9)	-32 items indicated in Annex "A" and Section VI. Schedule of Requirement of this Bidding Document	17,493,357.03
LOT 3-B	Location II (CAR, CARAGA, R1, R3, R4A, R8)	-32 items indicated in Annex "A" and Section VI. Schedule of Requirement of this Bidding Document	18,825,030.60
LOT 3-C	Location III (R2, R5, R6, R10, R11, R12)	-32 items indicated in Annex "A" and Section VI. Schedule of Requirement of this Bidding Document	23,695,623.83
<b>MARKET ITEMS - SCIENCE POWERED DEVICES AND INSTRUMENTS</b>			
LOT 4-A	Location I (NCR, R4B, R7, R9)	-7 items indicated in Annex "A" and Section VI. Schedule of Requirement of this Bidding Document	14,653,918.62
LOT 4-B	Location II (CAR, CARAGA, R1, R3, R4A, R8)	-7 items indicated in Annex "A" and Section VI. Schedule of Requirement of this Bidding Document	19,466,220.41
LOT 4-C	Location III (R2, R5, R6, R10, R11, R12)	-7 items indicated in Annex "A" and Section VI. Schedule of Requirement of this Bidding Document	25,767,101.23
<b>MARKET ITEMS - MATHEMATICAL MANIPULATIVES</b>			
LOT 5-A	Location I (NCR, R4B, R7, R9)	-19 items indicated in Annex "A" and Section VI. Schedule of Requirement of this Bidding Document	53,370,924.75
LOT 5-B	Location II (CAR, CARAGA, R1, R3, R4A, R8)	-19 items indicated in Annex "A" and Section VI. Schedule of Requirement of this Bidding Document	41,126,709.24
LOT 5-C	Location III (R2, R5, R6, R10, R11, R12)	-19 items indicated in Annex "A" and Section VI. Schedule of Requirement of this Bidding Document	51,199,398.31
6 MP-DBS	DEVELOPED BASIC SCIKIT (MP-LOT 6)	-55 items indicated in Annex "A" and Section VI. Schedule of Requirement of this Bidding Document	284,509,879.30
7 MP-DS&ME	DEVELOPED SCIENCE AND MATHEMATICS EQUIPMENT (MP-LOT 7)	-15 items indicated in Annex "A" and Section VI. Schedule of Requirement of this Bidding Document	191, 277,845.93
8 MP-DSC	DEVELOPED STORAGE CABINET (MP-LOT 8)	-1 items indicated in Annex "A" and Section VI. Schedule of Requirement of this Bidding Document	281,159,571.83
9 MI-C	CHEMICALS (MI-LOT 9)	-18 items indicated in Annex "A" and Section VI. Schedule of Requirement of this Bidding Document	44,984,414.29
10 MI-GLT	GLASSWARES AND LAB TOOLS	-30 items indicated in Annex "A" and Section VI. Schedule of Requirement	64,297,168.92

	(MI-LOT 10)	<i>of this Bidding Document</i>	
11 MI-SDIMTM	SCIENCE DEVICES, INSTRUMENTS AND MEASURING TOOLS-MATTER (MI-LOT 11)	-15 items indicated in Annex "A" and Section VI. Schedule of Requirement of this Bidding Document	93,723,640.46
12 MI- SDIMTESLT	SCIENCE DEVICES, INSTRUMENTS, AND MEASURING TOOLS – EARTH & SPACE AND LIVING THINGS (MI-LOT 12)	-25 items indicated in Annex "A" and Section VI. Schedule of Requirement of this Bidding Document	311,072,470.59
13 MI-MM	MATHEMATICAL MANIPULATIVES (MI-LOT 13)	-19 items indicated in Annex "A" and Section VI. Schedule of Requirement of this Bidding Document	159,919,750.85
14 MI-MTI	MATHEMATICAL TOOLS AND INSTRUMENT (MI- LOT 14)	-16 items indicated in Annex "A" and Section VI. Schedule of Requirement of this Bidding Document	169,016,448.51
15 MI-M:EHB	MODELS: EARTH AND OTHER HEAVENLY BODIES (MI-LOT 15)	-12 items indicated in Annex "A" and Section VI. Schedule of Requirement of this Bidding Document	160,357,540.58
16 MI-M:HA	MODELS: THE HUMAN ANATOMY (MI-LOT 16)	-14 items indicated in Annex "A" and Section VI. Schedule of Requirement of this Bidding Document	89,348,292.55
17 MI-M:BSS	MODELS: OTHER BIOLOGICAL STRUCTURES AND SPECIES (MI-LOT 17)	-10 items indicated in Annex "A" and Section VI. Schedule of Requirement of this Bidding Document	64,726,228.19
18 MI-M:MG	MODELS: MOLECULAR GEOMETRY (MI-LOT 18)	-6 items indicated in Annex "A" and Section VI. Schedule of Requirement of this Bidding Document	51,006,144.41
19 MI-FMEK	FORCE, MOTION AND ENERGY KITS (MI-LOT 19)	-48 items indicated in Annex "A" and Section VI. Schedule of Requirement of this Bidding Document	160,205,958.38
TOTAL			2,674,368,291.92

### III. Section VI. Schedule of Requirements

1. **Letter A**, on pages 39-52 of the bidding documents and on pages 5-7 of bid bulletin no. 1 for **Lots 1 to 5**, is hereby amended, as follows:

#### a. List/Description of Goods /Services

The delivery schedule expressed below stipulates the date of delivery to the project site.

Lot No.	Item No.	Description	Total Quantities/ Unit of Measurement	Delivery Period
<b>I. MASS PRODUCTION ITEMS</b>				
<b>BLR-DEVELOPED STORAGE CABINETS</b>				
<b>1-A</b>	1	BLR-developed Storage Cabinet	3,478 pc	within 120 Calendar Days from the date of receipt of the Notice to Proceed (NTP)

<b>1-B</b>	1	BLR-developed Storage Cabinet	3,250	pc	within 120 Calendar Days from the date of receipt of the Notice to Proceed (NTP)
<b>1-C</b>	1	BLR-developed Storage Cabinet	4,076	pc	within 120 Calendar Days from the date of receipt of the Notice to Proceed (NTP)
<b>II. SCIENCE AND MATHEMATICS EQUIPMENT (MARKET ITEMS)</b>					
<b>CHEMICALS</b>					
<b>2-A</b>	1	Benedict's Solution, 100ml/bottle	928	bot	within 120 Calendar Days from the date of receipt of the Notice to Proceed (NTP)
	2	Boric Acid, 100 grams / bottle	928	bot	
	3	Bromothymol Blue	702	bottle	
	4	Calcium Chloride, 100 grams / bottle	928	bot	
	5	Chemicals Storage Box	928	pc	
	6	Copper Sulfate, CuSO <sub>4</sub> , 100 grams / bottle	928	bot	
	7	Gentian Violet, 100 ml / bottle	702	botte	
	8	Iodine Solution, 100 ml / bottle	715	bottle	
	9	Magnesium Ribbon, 25 grams, 1 roll	928	roll	
	10	Manganese Dioxide, 50 grams / bottle	928	bottle	
	11	Microscope's Immersion Oil, 100mL/bot	702	bottle	
	12	Phenolphthalein, 100 grams/bottle	715	bottle	
	13	Potassium Chloride, 100 grams / bottle	928	bottle	
	14	Potassium Iodide, 100 grams / bottle	928	bottle	
	15	Sodium Hydroxide (Lye), 250 grams/bottle	928	bottle	
	16	Yeast, active dry, 100 grams / bottle	702	bottle	
	17	Zinc Chloride, 100 grams / bottle	928	bottle	
	18	Zinc metal, pellets/mossy, 100 grams / bottle	928	bottle	
<b>2-B</b>	1	Benedict's Solution, 100ml/bottle	1,316	bot	within 120 Calendar Days from the date of receipt of the Notice to Proceed (NTP)
	2	Boric Acid, 100 grams / bottle	1,316	bot	
	3	Bromothymol Blue	1,094	bottle	
	4	Calcium Chloride, 100 grams / bottle	1,316	bot	
	5	Chemicals Storage Box	1,316	pc	
	6	Copper Sulfate, CuSO <sub>4</sub> , 100 grams / bottle	1,316	bot	
	7	Gentian Violet, 100 ml / bottle	1,094	botte	
	8	Iodine Solution, 100 ml / bottle	1,162	bottle	
	9	Magnesium Ribbon, 25 grams, 1 roll	1,316	roll	
	10	Manganese Dioxide, 50 grams / bottle	1,316	bottle	
	11	Microscope's Immersion Oil, 100mL/bot	1,094	bottle	
	12	Phenolphthalein, 100 grams/bottle	1,162	bottle	
	13	Potassium Chloride, 100 grams / bottle	1,316	bottle	
	14	Potassium Iodide, 100 grams / bottle	1,316	bottle	
	15	Sodium Hydroxide (Lye), 250 grams/bottle	1,316	bottle	

	16	Yeast, active dry, 100 grams / bottle	1,094	bottle	
	17	Zinc Chloride, 100 grams / bottle	1,316	bottle	
	18	Zinc metal, pellets/mossy, 100 grams / bottle	1,316	bottle	
<b>2-C</b>	1	Benedict's Solution, 100ml/bottle	1,753	bot	within 120 Calendar Days from the date of receipt of the Notice to Proceed (NTP)
	2	Boric Acid, 100 grams / bottle	1,753	bot	
	3	Bromothymol Blue	1,426	bottle	
	4	Calcium Chloride, 100 grams / bottle	1,753	bot	
	5	Chemicals Storage Box	1,753	pc	
	6	Copper Sulfate, CuSO <sub>4</sub> , 100 grams / bottle	1,753	bot	
	7	Gentian Violet, 100 ml / bottle	1,426	botte	
	8	Iodine Solution, 100 ml / bottle	1,473	bottle	
	9	Magnesium Ribbon, 25 grams, 1 roll	1,753	roll	
	10	Manganese Dioxide, 50 grams / bottle	1,753	bottle	
	11	Microscope's Immersion Oil, 100mL/bot	1,426	bottle	
	12	Phenolphthalein, 100 grams/bottle	1,473	bottle	
	13	Potassium Chloride, 100 grams / bottle	1,753	bottle	
	14	Potassium Iodide, 100 grams / bottle	1,753	bottle	
	15	Sodium Hydroxide (Lye), 250 grams/bottle	1,753	bottle	
	16	Yeast, active dry, 100 grams / bottle	1,426	bottle	
	17	Zinc Chloride, 100 grams / bottle	1,753	bottle	
	18	Zinc metal, pellets/mossy, 100 grams / bottle	1,753	bottle	
<b>3-A</b>	<b>GLASSWARES AND LAB TOOLS</b>				within 120 Calendar Days from the date of receipt of the Notice to Proceed (NTP)
	1	Beaker, borosilicate, 250 mL	13,815	pc	
	2	Beaker, borosilicate, 50 mL	4,640	pc	
	3	Burette, 10 mL capacity (acid)	65	pc	
	4	Burette, 10 mL capacity (base)	65	pc	
	5	Burner, Alcohol, glass, 150 ml. Capacity	13,815	pc	
	6	Burner, Bunsen	4,640	pc	
	7	Cork Stopper # 5 (for Ø 16mm test tube)	4,640	pc	
	8	Crucible with lid/cover	4,640	pc	
	9	Dish, Evaporating, 75 mL	13,815	pc	
	10	Distillation set-up: Condenser, Liebig-type	26	pc	
	11	Distillation set-up: Distilling Flask, borosilicate, 250ml,	26	pc	
	12	Double burette clamp	65	pc	
	13	Electrolysis Apparatus, student-type (Brownlee)	4,640	pc	
	14	Flask, Erlenmeyer, borosilicate, narrow-mouth, 250 mL	27,630	pc	
	15	Funnel, borosilicate, fluted	13,815	pc	
	16	Glass Tubing, Ø 6 mm x Ø 4 mm x 1500 mm long	9,280	pc	
17	Manometer, Open U-tube	65	pc		

18	Mortar and Pestle, porcelain, 150 mL.	9,210	pc	
19	Osmosis Apparatus	65	pc	
20	Pipette, Beral, 1 mL	92,100	pc	
21	Reagent Bottle, narrow-mouth, amber, borosilicate, 250 mL	1,130	pc	
22	Reagent Bottle, wide-mouth, transparent, borosilicate, 250 mL	4,640	pc	
23	Rubber Stopper # 0 (for Ø 16mm test tube)	4,640	pc	
24	Spoon-spatula, porcelain and glazed	13,815	pc	
25	Stirring Rod, Ø 6 mm x 250 mm long	13,815	pc	
26	Test tube brush	138,150	pc	
27	Test Tube, borosilicate, Ø 16 mm x 150 mm long	13,815	pc	
28	Tong, Beaker	1,130	pc	
29	Tong, Crucible	4,640	pc	
30	Vial, screw-neck, 25 ml. (with screw-type plastic cap)	69,075	pc	
31	Vial, screw-neck, 50 ml. (with screw-type plastic cap)	69,075	pc	
32	Watch Glass, Ø 90mm	13,815	pc	
<b>3-B</b>	1	Beaker, borosilicate, 250 mL	13,815	pc
	2	Beaker, borosilicate, 50 mL	4,640	pc
	3	Burette, 10 mL capacity (acid)	65	pc
	4	Burette, 10 mL capacity (base)	65	pc
	5	Burner, Alcohol, glass, 150 ml. Capacity	13,815	pc
	6	Burner, Bunsen	4,640	pc
	7	Cork Stopper # 5 (for Ø 16mm test tube)	4,640	pc
	8	Crucible with lid/cover	4,640	pc
	9	Dish, Evaporating, 75 mL	13,815	pc
	10	Distillation set-up: Condenser, Liebig-type	26	pc
	11	Distillation set-up: Distilling Flask, borosilicate, 250ml,	26	pc
	12	Double burette clamp	65	pc
	13	Electrolysis Apparatus, student-type (Brownlee)	4,640	pc
	14	Flask, Erlenmeyer, borosilicate, narrow-mouth, 250 mL	27,630	pc
	15	Funnel, borosilicate, fluted	13,815	pc
	16	Glass Tubing, Ø 6 mm x Ø 4 mm x 1500 mm long	9,280	pc
	17	Manometer, Open U-tube	65	pc
	18	Mortar and Pestle, porcelain, 150 mL.	9,210	pc
	19	Osmosis Apparatus	65	pc
	20	Pipette, Beral, 1 mL	92,100	pc
	21	Reagent Bottle, narrow-mouth, amber, borosilicate, 250 mL	1,130	pc



	22	Reagent Bottle, wide-mouth, transparent, borosilicate, 250 mL	4,640	pc
	23	Rubber Stopper # 0 (for Ø 16mm test tube)	4,640	pc
	24	Spoon-spatula, porcelain and glazed	13,815	pc
	25	Stirring Rod, Ø 6 mm x 250 mm long	13,815	pc
	26	Test tube brush	138,150	pc
	27	Test Tube, borosilicate, Ø 16 mm x 150 mm long	13,815	pc
	28	Tong, Beaker	1,130	pc
	29	Tong, Crucible	4,640	pc
	30	Vial, screw-neck, 25 ml. (with screw-type plastic cap)	69,075	pc
	31	Vial, screw-neck, 50 ml. (with screw-type plastic cap)	69,075	pc
	32	Watch Glass, Ø 90mm	13,815	pc
<b>3-C</b>	1	Beaker, borosilicate, 250 mL	13,815	pc
	2	Beaker, borosilicate, 50 mL	4,640	pc
	3	Burette, 10 mL capacity (acid)	65	pc
	4	Burette, 10 mL capacity (base)	65	pc
	5	Burner, Alcohol, glass, 150 ml. Capacity	13,815	pc
	6	Burner, Bunsen	4,640	pc
	7	Cork Stopper # 5 (for Ø 16mm test tube)	4,640	pc
	8	Crucible with lid/cover	4,640	pc
	9	Dish, Evaporating, 75 mL	13,815	pc
	10	Distillation set-up: Condenser, Liebig-type	26	pc
	11	Distillation set-up: Distilling Flask, borosilicate, 250ml,	26	pc
	12	Double burette clamp	65	pc
	13	Electrolysis Apparatus, student-type (Brownlee)	4,640	pc
	14	Flask, Erlenmeyer, borosilicate, narrow-mouth, 250 mL	27,630	pc
	15	Funnel, borosilicate, fluted	13,815	pc
	16	Glass Tubing, Ø 6 mm x Ø 4 mm x 1500 mm long	9,280	pc
	17	Manometer, Open U-tube	65	pc
	18	Mortar and Pestle, porcelain, 150 mL.	9,210	pc

	19	Osmosis Apparatus	65	pc	
	20	Pipette, Beral, 1 mL	92,100	pc	
	21	Reagent Bottle, narrow-mouth, amber, borosilicate, 250 mL	1,130	pc	
	22	Reagent Bottle, wide-mouth, transparent, borosilicate, 250 mL	4,640	pc	
	23	Rubber Stopper # 0 (for Ø 16mm test tube)	4,640	pc	
	24	Spoon-spatula, porcelain and glazed	13,815	pc	
	25	Stirring Rod, Ø 6 mm x 250 mm long	13,815	pc	
	26	Test tube brush	138,150	pc	
	27	Test Tube, borosilicate, Ø 16 mm x 150 mm long	13,815	pc	
	28	Tong, Beaker	1,130	pc	
	29	Tong, Crucible	4,640	pc	
	30	Vial, screw-neck, 25 ml. (with screw-type plastic cap)	69,075	pc	
	31	Vial, screw-neck, 50 ml. (with screw-type plastic cap)	69,075	pc	
	32	Watch Glass, Ø 90mm	13,815	pc	
	<b>SCIENCE POWERED DEVICES AND INSTRUMENTS</b>				within 120 Calendar Days from the date of receipt of the Notice to Proceed (NTP)
<b>4-A</b>	1	Balance, Toploading, Electronic	226	unit	
	2	Centrifuge	13	set	
	3	Electrical Conductivity (Conductivity of Solutions) Apparatus	3,575	unit	
	4	Laboratory Hot Plate with magnetic stirrer	715	unit	
	5	Microscope, Digital	226	pc	
	6	Soil pH, Moisture, Sunlight Meter	1,130	set	
	7	Telescope, Astronomical (Reflecting)	226	kit	
<b>4-B</b>	1	Balance, Toploading, Electronic	222	unit	
	2	Centrifuge	68	set	
	3	Electrical Conductivity (Conductivity of Solutions) Apparatus	5,810	unit	
	4	Laboratory Hot Plate with magnetic stirrer	1,162	unit	
	5	Microscope, Digital	222	pc	
	6	Soil pH, Moisture, Sunlight Meter	1,110	set	
	7	Telescope, Astronomical (Reflecting)	222	kit	
<b>4-C</b>	1	Balance, Toploading, Electronic	327	unit	
	2	Centrifuge	47	set	
	3	Electrical Conductivity (Conductivity of Solutions) Apparatus	7,365	unit	
					within 120 Calendar Days from the date of receipt of the Notice to Proceed (NTP)

	4	Laboratory Hot Plate with magnetic stirrer	1,473	unit	
	5	Microscope, Digital	327	pc	
	6	Soil pH, Moisture, Sunlight Meter	1,635	set	
	7	Telescope, Astronomical (Reflecting)	327	kit	
	<b>MATHEMATICAL MANIPULATIVES</b>				
<b>5-A</b>	1	Algebra Tile Set, plastic	702	set	within 120 Calendar Days from the date of receipt of the Notice to Proceed (NTP)
	2	Base Ten Blocks	9,175	set	
	3	Beads	921	set	
	4	Circle Area Demonstrator	1,835	pcs	
	5	Compass, Drawing, student type	101,480	pcs	
	6	Cuisenaire Rods, set of 5	1,835	set	
	7	Elapsed Time (Clock) Set	921	pcs	
	8	Geoboard, 11 x 11	25,370	pcs	
	9	Geoboard, 5 x 5	18,350	pcs	
	10	Geostrips	12,685	set	
	11	Ghost Grid Whiteboard, Mobile Magnetic	7,368	pcs	
	12	Linking Cubes	9,175	set	
	13	Model, Basic 3D Geometrical Collapsible	4,570	set	
	14	Model, Basic 3D Geometrical Solids	1,835	set	
	15	Pattern Blocks, 250 pcs/set	3,670	set	
	16	Pentominoes	9,175	set	
	17	Plastic Two-colored Counters, 1-inch diameter, 200 pcs/set	4,605	set	
	18	Probability Kit	2,537	set	
	19	Tangrams, set of 30	2,537	set	
<b>5-B</b>	1	Algebra Tile Set, plastic	1,094	set	within 120 Calendar Days from the date of receipt of the Notice to Proceed (NTP)
	2	Base Ten Blocks	3,860	set	
	3	Beads	385	set	
	4	Circle Area Demonstrator	772	pcs	
	5	Compass, Drawing, student type	74,640	pcs	
	6	Cuisenaire Rods, set of 5	772	set	
	7	Elapsed Time (Clock) Set	385	pcs	
	8	Geoboard, 11 x 11	18,660	pcs	
	9	Geoboard, 5 x 5	7,720	pcs	
	10	Geostrips	9,330	set	
	11	Ghost Grid Whiteboard, Mobile Magnetic	6,812	pcs	
	12	Linking Cubes	3,860	set	
	13	Model, Basic 3D Geometrical Collapsible	1,935	set	
	14	Model, Basic 3D Geometrical Solids	772	set	
	15	Pattern Blocks, 250 pcs/set	1,544	set	
	16	Pentominoes	3,860	set	
	17	Plastic Two-colored Counters, 1-inch diameter, 200 pcs/set	1,925	set	
	18	Probability Kit	1,866	set	
	19	Tangrams, set of 30	1,866	set	
<b>5-C</b>	1	Algebra Tile Set, plastic	1,426	set	within 120 Calendar Days from the date of receipt of
	2	Base Ten Blocks	4,250	set	

3	Beads	425	set
4	Circle Area Demonstrator	850	pcs
5	Compass, Drawing, student type	91,040	pcs
6	Cuisenaire Rods, set of 5	850	set
7	Elapsed Time (Clock) Set	425	pcs
8	Geoboard, 11 x 11	22,760	pcs
9	Geoboard, 5 x 5	8,500	pcs
10	Geostrips	11,380	set
11	Ghost Grid Whiteboard, Mobile Magnetic	8,712	pcs
12	Linking Cubes	4,250	set
13	Model, Basic 3D Geometrical Collapsible	2,125	set
14	Model, Basic 3D Geometrical Solids	850	set
15	Pattern Blocks, 250 pcs/set	1,700	set
16	Pentominos	4,250	set
17	Plastic Two-colored Counters, 1-inch diameter, 200 pcs/set	2,125	set
18	Probability Kit	2,276	set
19	Tangrams, set of 30	2,276	set

the Notice to Proceed (NTP)

Lot No	Item No.	Description	Total Quantities/ Unit of Measurement	Delivery Period
<b>I. MASS PRODUCTION ITEMS</b>				
6	<b>BLR-DEVELOPED BASIC SCIKIT</b>			
	1	BLR-developed Basic Scikit: Ø 9.5mm x 250mm long Stand Rod	65,240 pc	within 270 Calendar Days from the date of receipt of the Notice to Proceed (NTP)
	2	BLR-developed Basic Scikit: Ø 9.5mm x 500mm long Stand Rod	130,480 pc	
	3	BLR-developed Basic Scikit: Ø 12.7mm x 1000mm long Stand Rod	23,795 pc	
	4	BLR-developed Basic Scikit: Rail	47,590 lh	
	5	BLR-developed Basic Scikit: Ring with stem	32,620 pc	
	6	BLR-developed Basic Scikit: Test Tube Rack	32,620 pc	
	7	BLR-developed Basic Scikit: Wire Gauze	32,620 pc	
	8	BLR-developed SCIKIT BASIC 001: Stand Base	65,240 assy	
	9	BLR-developed SCIKIT BASIC 001: Stand Support	130,480 pcs	
	10	BLR-developed SCIKIT BASIC 001: SCIKIT BASIC Storage Case 001 (With Cover and Base Sheathing)	6,524 pc	
	11	BLR-developed SCIKIT BASIC 002: Multiclamp	163,100 assy	
12	BLR-developed SCIKIT BASIC 002: Test Tube Holder	32,620 pc		

13	BLR-developed SCIKIT BASIC 002: SCIKIT BASIC Storage Case 002 (With Cover and Base Sheathing)	6,524	pc
14	BLR-developed SCIKIT BASIC 003: Universal Clamp	78,288	assy
15	BLR-developed SCIKIT BASIC 003: Universal Bosshead	65,240	assy
16	BLR-developed SCIKIT BASIC 003: SCIKIT BASIC Storage Case 003 (With Cover and Base Sheathing)	6,524	pc
17	BLR-developed Free Fall Apparatus (Mechanics 001): Ball Case (with Cover and foam)	22,855	pc
18	BLR-developed Free Fall Apparatus (Mechanics 001): Digital Timer Assembly (Digital Stopwatch)	22,855	assy
19	BLR-developed Free Fall Apparatus (Mechanics 001): Metertape with hooks and plastic pointer	22,855	assy
20	BLR-developed Free Fall Apparatus (Mechanics 001): Ø 12.7mm Steel Spherical Ball	45,710	pc
21	BLR-developed Free Fall Apparatus (Mechanics 001): Ø 25mm Plastic Spherical Ball with metal screw	45,710	pc
22	BLR-developed Free Fall Apparatus (Mechanics 001): Ø 25mm Steel Spherical Ball	45,710	pc
23	BLR-developed Free Fall Apparatus (Mechanics 001): Pad Switch Assembly	22,855	assy
24	BLR-developed Free Fall Apparatus (Mechanics 001): Solenoid Assembly	22,855	assy
25	BLR-developed Free Fall Apparatus (Mechanics 001): Synchro Box Assembly	22,855	assy
26	BLR-developed Free Fall Apparatus (Mechanics 001): SCIKIT MECHANICS Storage Case 001 (With Cover and Base Sheathing)	22,855	pc
27	BLR-developed Dynamics Carts-Rail System (Mechanics 002): Cart-spring loaded	23,795	unit
28	BLR-developed Dynamics Carts-Rail System (Mechanics 002): Cart-with counterweight	23,795	unit
29	BLR-developed Dynamics Carts-Rail System (Mechanics 002): Cylindrical Mass, 50-gram	118,975	pc
30	BLR-developed Dynamics Carts-Rail System (Mechanics 002): Driving Mass, 3-gram	118,975	pc

31	BLR-developed Dynamics Carts-Rail System (Mechanics 002): Leveling Pad Assembly	23,795	assy
32	BLR-developed Dynamics Carts-Rail System (Mechanics 002): Plastic Hammer	23,795	pc
33	BLR-developed Dynamics Carts-Rail System (Mechanics 002): Modelling Clay, 1 bar/set	23,795	bar
34	BLR-developed Dynamics Carts-Rail System (Mechanics 002): Stopper-Fork Assembly	23,795	assy
35	BLR-developed Dynamics Carts-Rail System (Mechanics 002): String (thin), 1 ball/set	23,795	ball
36	BLR-developed Dynamics Carts-Rail System (Mechanics 002): SCIKIT MECHANICS Storage Case 002 (With Cover and Base Sheathing)	23,795	pc
37	BLR-developed SCIKIT MECHANICS 003: 10-Newton Spring Balance	31,680	assy
38	BLR-developed SCIKIT MECHANICS 003: 250-gram Hooked Mass	63,360	pc
39	BLR-developed SCIKIT MECHANICS 003: 500-gram Hooked Mass	31,680	pc
40	BLR-developed SCIKIT MECHANICS 003: Axle and Lever Beam	31,680	assy
41	BLR-developed SCIKIT MECHANICS 003: Double Pulley	63,360	assy
42	BLR-developed SCIKIT MECHANICS 003: Dry Cell, AA 1.5V	45,710	pc
43	BLR-developed SCIKIT MECHANICS 003: Friction Block and Friction Board	8,935	set
44	BLR-developed SCIKIT MECHANICS 003: Leveling Hose	22,855	lh
45	BLR-developed SCIKIT MECHANICS 003: Motorized Cart	22,855	unit
46	BLR-developed SCIKIT MECHANICS 003: Single Pulley	63,360	assy
47	BLR-developed SCIKIT MECHANICS 003: Spare part for Motorized Cart: Spur Gear B	45,710	pc
48	BLR-developed SCIKIT MECHANICS 003: Spare part for Motorized Cart: Spur Gear C	22,855	pc
49	BLR-developed SCIKIT MECHANICS 003: Spare part for Motorized Cart: Worm Gear A	45,710	pc
50	BLR-developed SCIKIT MECHANICS 003: Spare part for Motorized Cart: Worm with Axle	22,855	assy

	51	BLR-developed SCIKIT MECHANICS 003: String (thick), 1 ball/set	110	ball	
	52	BLR-developed SCIKIT MECHANICS 003: SCIKIT MECHANICS Storage Case 003 (With Cover and Base Sheathing)	31,680	pc	
	53	BLR-developed: User's Manual (SCIKIT BASIC)	6,524	pc	
	54	BLR-developed: User's Manual (SCIKIT MECHANICS)	6,524	pc	
	55	BLR-developed: Experiment Module (SCIKIT MECHANICS)	6,524	pc	
	<b>BLR-developed SCIENCE AND MATHEMATICS EQUIPMENT (Elem, JHS, &amp; SHS)</b>				within 270 Calendar Days from the date of receipt of the Notice to Proceed (NTP)
	1	BLR-developed Blackboard Compass	7,534	pc	
	2	BLR-developed Blackboard Protractor	7,534	pc	
	3	BLR-developed Convection Tank (Thermocline Apparatus)	22,745	pc	
	4	BLR-developed Fresh Water Aquarium with Stand	1,765	pc	
	5	BLR-developed Heat Conductivity Apparatus	31,680	pc	
	6	BLR-developed Light Source (Single Slit)	23,795	pc	
7	7	BLR-developed Set of Coils (Transformer)	22,855	set	
	8	BLR-developed Variable Power Supply with 5 pcs. Terminal Board	22,855	set	
	9	BLR-developed: Fraction Set	14,925	set	
	10	BLR-developed: Linear Pair/Angle Demonstrator	31,570	pc	
	11	BLR-developed: Manipulative Electricity Consumption Meter Model, blackboard	1,765	pc	
	12	BLR-developed: Manipulative Water Consumption Meter Model, blackboard	1,765	pc	
	13	BLR-developed: Models of 7-sided to 12-sided Regular Polygons	17,650	set	
	14	BLR-developed: Number Blocks	6,100	set	
	15	BLR-developed: Place Value Chart with decimal pockets	1,765	pc	
	<b>BLR-DEVELOPED STORAGE CABINETS</b>				within 270 Calendar Days from the date of receipt of the Notice to Proceed (NTP)
8	1	BLR-developed Storage Cabinet	12,314	pc	

II. SCIENCE AND MATHEMATICS EQUIPMENT (MARKET ITEMS)					
9	<b>CHEMICALS</b>			within 210 Calendar Days from the date of receipt of the Notice to Proceed (NTP)	
	1	Benedict's Solution, 100ml/bottle	4,759		bot
	2	Boric Acid, 100 grams / bottle	4,759		bot
	3	Bromothymol Blue	4,549		bottle
	4	Calcium Chloride, 100 grams / bottle	4,759		bot
	5	Chemicals Storage Box	4,759		pc
	6	Copper Sulfate, CuSO <sub>4</sub> , 100 grams / bottle	4,759		bot
	7	Gentian Violet, 100 ml / bottle	4,549		botte
	8	Iodine Solution, 100 ml / bottle	4,571		bottle
	9	Magnesium Ribbon, 25 grams, 1 roll	4,759		roll
	10	Manganese Dioxide, 50 grams / bottle	4,759		bottle
	11	Microscope's Immersion Oil, 100mL/bot	4,549		bottle
	12	Phenolphthalein, 100 grams/bottle	4,571		bottle
	13	Potassium Chloride, 100 grams / bottle	4,759		bottle
	14	Potassium Iodide, 100 grams / bottle	4,759		bottle
	15	Sodium Hydroxide (Lye), 250 grams/bottle	4,759		bottle
	16	Yeast, active dry, 100 grams / bottle	4,549		bottle
	17	Zinc Chloride, 100 grams / bottle	4,759		bottle
18	Zinc metal, pellets/mossy, 100 grams / bottle	4,759	bottle		
10	<b>GLASSWARES AND LAB TOOLS</b>			within 210 Calendar Days from the date of receipt of the Notice to Proceed (NTP)	
	1	Beaker, borosilicate, 250 mL	38,721		pc
	2	Beaker, borosilicate, 50 mL	23,795		pc
	3	Burette, 10 mL capacity (acid)	110		pc
	4	Burette, 10 mL capacity (base)	110		pc
	5	Burner, Alcohol, glass, 150 ml. Capacity	38,720		pc
	6	Burner, Bunsen	23,795		pc
	7	Cork Stopper # 5 (for Ø 16mm test tube)	23,795		pc
	8	Crucible with lid/cover	23,795		pc
9	Dish, Evaporating, 75 mL	38,720	pc		



	10	Distillation set-up: Condenser, Liebig-type	44	pc	
	11	Distillation set-up: Distilling Flask, borosilicate, 250ml,	44	pc	
	12	Double burette clamp	110	pc	
	13	Electrolysis Apparatus, student-type (Brownlee)	23,795	pc	
	14	Flask, Erlenmeyer, borosilicate, narrow-mouth, 250 mL	77,440	pc	
	15	Funnel, borosilicate, fluted	38,720	pc	
	16	Glass Tubing, Ø 6 mm x Ø 4 mm x 1500 mm long	47,590	pc	
	17	Manometer, Open U-tube	110	pc	
	18	Mortar and Pestle, porcelain, 150 mL.	32,620	pc	
	19	Osmosis Apparatus	110	pc	
	20	Reagent Bottle, narrow-mouth, amber, borosilicate, 250 mL	1,050	pc	
	21	Reagent Bottle, wide-mouth, transparent, borosilicate, 250 mL	23,795	pc	
	22	Rubber Stopper # 0 (for Ø 16mm test tube)	23,795	pc	
	23	Spoon-spatula, porcelain and glazed	38,720	pc	
	24	Stirring Rod, Ø 6 mm x 250 mm long	38,720	pc	
	25	Test tube brush	38,720	pc	
	26	Test Tube, borosilicate, Ø 16 mm x 150 mm long	387,200	pc	
	27	Tong, Crucible	23,795	pc	
	28	Vial, screw-neck, 25 ml. (with screw-type plastic cap)	193,600	pc	
	29	Vial, screw-neck, 50 mL. (with screw-type plastic cap)	193,600	pc	
	30	Watch Glass, Ø 90 mm	38,720	pc	
	<b>SCIENCE DEVICES, INSTRUMENTS, AND MEASURING TOOLS - MATTER</b>				
11	1	Balance, Toploading, Electronic	210	pc	within 210 Calendar Days from the date of receipt of the Notice to Proceed (NTP)
	2	Balance, Triple Beam, with tare, 2610-gram	22,745	pc	
	3	Calorimeter	110	pc	
	4	Centrifuge	22	pc	
	5	Electrical Conductivity (Conductivity of Solutions) Apparatus	22,855	pc	
	6	Filter Paper, crepe, 580mm x 580 mm sheet, Grade 0905	65,240	sheet	

7	Gloves, Hand, super nitrile	38,720	pair
8	Graduated Cylinder, borosilicate, 10 mL	32,620	pc
9	Graduated Cylinder, borosilicate, 100 mL	32,620	pc
10	Graduated pipette with rubber pipettor, borosilicate, 10 mL	110	pc
11	Hydrometer for heavy liquids	110	pc
12	Hydrometer for light liquids	110	pc
13	Laboratory Hot Plate with magnetic stirrer	4,571	pc
14	Safety Goggles, polycarbonate	38,720	pair
15	Thermometer, Laboratory type, Alcohol, -20°C to 110°C	38,720	pc

**SCIENCE DEVICES, INSTRUMENTS, AND MEASURING TOOLS - EARTH & SPACE and LIVING THINGS**

1	Anemometer with Wind Vane, Cup type	5,970	unit
2	Anemometer, Simple	2,985	set
3	Aneroid Barometer Set (Demonstration Type)	37,670	unit
4	Aneroid Barometer, wall-mount	7,534	unit
5	Compass, Magnetic	31,570	pc
6	Dissecting Set with pan	110	set
7	First Aid Kit	1,765	kit
8	Gloves, Surgical	220	pairs
9	Hand Lens, 10x magnification	1,050	pc
10	Hand Lens, 5x magnification	15,035	pcs
11	Hexagonal Weigh Dishes Set, 50mL, 500 pcs/pack	2,985	packs
12	Lens Paper, 50's/pack	22,745	packs
13	Microscope, Compound with 4 Objectives	90,980	units
14	Microscope, Digital	210	unit
15	Pipette, Beral, 1 mL	326,200	pcs
16	Prepared Slide Set, Microscope, 25 pieces	4,759	set
17	Prepared Slide Set, Mitosis and Meiosis	4,549	set
18	Reaction Plates with 6 Wells	23,795	pc

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within 210 Calendar Days from the date of receipt of the Notice to Proceed (NTP)

	19	Sedimentator Tube	1,050	pc	
	20	Sling Psychrometer	8,825	unit	
	21	Soil pH, Moisture, Sunlight Meter	1,050	unit	
	22	Soil/Test Sieve*	1,765	set	
	23	Thermometer, Classroom, wall-mount	1,765	pc	
	24	Tong, Beaker	1,050	pcs	
	25	Wash Bottle, plastic, 250 mL	38,720	pcs	
	<b>MATHEMATICAL MANIPULATIVES</b>				
	1	Algebra Tile Set, plastic	4,549	set	
	2	Base Ten Blocks	14,925	set	
	3	Beads	1,220	set	
	4	Circle Area Demonstrator	2,985	pcs	
	5	Compass, Drawing, student type	301,360	pcs	
	6	Cuisenaire Rods, set of 5	2,985	set	
	7	Elapsed Time (Clock) Set	1,220	pcs	
	8	Geoboard, 11 x 11	75,340	pcs	
	9	Geoboard, 5 x 5	29,850	pcs	
13	10	Geostrips	37,670	set	within 210 Calendar Days from the date of receipt of the Notice to Proceed (NTP)
	11	Ghost Grid Whiteboard, Mobile Magnetic	26,096	pcs	
	12	Linking Cubes	14,925	set	
	13	Model, Basic 3D Geometrical Collapsible	8,825	set	
	14	Model, Basic 3D Geometrical Solids	2,985	set	
	15	Pattern Blocks, 250 pcs/set	5,970	set	
	16	Pentominoes	14,925	set	
	17	Plastic Two-colored Counters, 1-inch diameter, 200 pcs/set	6,100	set	
	18	Probability Kit	7,534	set	
	19	Tangrams, set of 30	7,534	set	
	<b>MATHEMATICAL TOOLS &amp; INSTRUMENT</b>				
14	1	Balance, Double-pan	14,925	pcs	within 210 Calendar Days from the date of receipt of the Notice to Proceed (NTP)
	2	Blackboard Triangle, 30° x 60° and 45° x 45°	6,314	set	
	3	Calculator, Graphing, non-projectable	23,795	pcs	

	4	Calculator, Scientific	260,960	pcs	
	5	Digital Clock, tabletop	1,220	pcs	
	6	Measuring Kit (Volume)	1,220	set	
	7	Meterstick, plastic	150,680	pcs	
	8	Protractor, student-type	301,360	pcs	
	9	Ruler, Plastic, 12 inches/30 cm	302,240	pcs	
	10	Scale, Spring, Hanging type	1,220	pcs	
	11	Scale, Weighing, analog, 10 kg. capacity	1,220	pcs	
	12	Scale, Weighing, bathroom-type	1,220	pcs	
	13	Stopwatch, digital	38,720	pcs	
	14	Tape Measure, 1.5 meters	150,680	pcs	
	15	Template, shapes	14,925	pcs	
	16	Thermometer, Clinical, digital	8,825	pc	
	<b>MODELS: EARTH AND OTHER HEAVENLY BODIES</b>				
15	1	Globe, Celestial	32,620	unit	within 210 Calendar Days from the date of receipt of the Notice to Proceed (NTP)
	2	Globe, Terrestrial	31,570	unit	
	3	Landform Demonstration Kit	23,795	kit	
	4	Model, Earth Internal Structure, 1/4 part detachable	4,759	unit	
	5	Model, Seismograph	22,745	unit	
	6	Model, Solar System	210	unit	
	7	Model, Sun Internal Structure, 1/4 part detachable	4,759	unit	
	8	Model, Sun-Earth-Moon	32,620	unit	
	9	Model, Tectonics Demonstrator	4,759	kit	
	10	Model, Volcano, cross section	23,795	unit	
	11	Rock Samples, 24 pcs/set, (minerals of 3 rock types)	420	set	
	12	Telescope, Astronomical (Reflecting)	210	unit	
	<b>MODELS: THE HUMAN ANATOMY</b>				
16	1	Model, Human Brain	1,765	unit	within 210 Calendar Days from the date of receipt of the Notice to Proceed (NTP)
	2	Model, Human Circulatory System	6,314	unit	
	3	Model, Human Ear	1,220	unit	

	4	Model, Human Endocrine System	4,549	unit	
	5	Model, Human Eye, 6 parts	1,220	unit	
	6	Model, Human Nervous System	6,314	unit	
	7	Model, Human Nose (Nasal-Throat Anatomy)	1,220	unit	
	8	Model, Human Skeleton	1,765	unit	
	9	Model, Human Torso	6,524	unit	
	10	Model, Lung Demonstration	1,765	unit	
	11	Model, Pumping Heart	1,765	unit	
	12	Model, Reproductive System, Female (Pelvic Anatomy)	6,314	unit	
	13	Model, Reproductive System, Male	6,314	unit	
	14	Model, Skin Block	2,985	unit	
	<b>MODELS: OTHER BIOLOGICAL STRUCTURES AND SPECIES</b>				
17	1	Model, Animal Cell	4,571	pc	within 210 Calendar Days from the date of receipt of the Notice to Proceed (NTP)
	2	Model, Animal Meiosis	4,571	set	
	3	Model, Animal Mitosis	4,571	set	
	4	Model, Chloroplast	4,571	unit	
	5	Model, DNA	4,549	unit	
	6	Model, Invertebrates	1,765	set	
	7	Model, Mitochondrion	4,571	unit	
	8	Model, Plant Cell	4,571	unit	
	9	Model, Vertebrates	2,985	set	
	10	Protein Synthesis Demonstration Set	4,549	set	
	<b>MODELS: MOLECULAR GEOMETRY</b>				
18	1	Model, Atomic Orbital Kit	110	set	within 210 Calendar Days from the date of receipt of the Notice to Proceed (NTP)
	2	Model, Biochemistry Molecular, (262 atom parts)	9,518	set	
	3	Model, Crystal Structures Set (Graphite, diamond, sodium chloride, carbon dioxide)	9,518	set	
	4	Model, Molecular, Inorganic/Organic (307-pc)	9,518	pcs	
	5	Model, Sublevel Orbitals of the Atom (Quantum)	23,795	pcs	
	6	Model, VSEPR, 14 shapes (50-pc)	23,795	pcs	
19	<b>FORCE, MOTION, AND ENERGY KITS</b>				

1	Advanced Electromagnetism Kit	110	kit
2	Air Blower	22	pc
3	Archimedes Principle Set	110	set
4	Basic Electronics Kit	110	kit
5	Basic Lens Set, acrylic	22,855	pc
6	Coefficient of Linear Expansion	110	pc
7	Connector, Black (# 18 copper, AWG stranded) with alligator clip on one end and banana plug on the other end	113,340	pc
8	Connector, Red (# 18 copper, AWG stranded) with alligator clip on one end and banana plug on the other end	113,340	pc
9	Connector, Yellow (# 18 copper, AWG stranded) with alligator clip on one end and banana plug on the other end	91,420	pc
10	DC Ammeter	22,855	unit
11	DC String Vibrator, string included	1,050	pc
12	DC Voltmeter	22,855	unit
13	Diffraction slits & Diffraction grating Set	22,745	set
14	Digital Geiger-Muller Counter with radioisotopes samples	20	pc
15	Dry Cell Holder (size D)	151,120	pc
16	Dry Cell, 1.5 volts, size D	151,120	pc
17	Engine Model (Internal Combustion)	110	pc
18	Flask, Florence, glass, 500 mL	110	pc
19	Force Table	110	pc
20	Fuse Holder w/ Fuse	22,855	pc
21	Galvanometer	22,855	unit
22	Helical Spring	22,855	pc
23	Iron Core Rod, non-corrugated	8,825	pc
24	Laser Light	23,795	pc
25	Long Nose Pliers, 6-inch, 1 pair/set	1,765	pc
26	Magnet Wire	6,314	spool

within 210 Calendar Days from the date of receipt of the Notice to Proceed (NTP)

27	Manometer, Open U-tube with Nakamura-type Water Pressure Apparatus	110	pc
28	Miniature Light Bulb	113,340	pc
29	Miniature Light Bulb Holder	113,340	assy
30	Mirror Set, acrylic	22,855	set
31	Motor-Generator Model Experiment Set	22,855	set
32	Multimeter, digital	220	pc
33	Optical Bench Set	22,855	set
34	Pair of Bar Magnets	15,068	pair
35	Prism Set	23,795	set
36	Resistance Board	110	pc
37	Ring and Ball Apparatus	110	unit
38	Ripple Tank Set	110	set
39	Slinky Coil, metal	22,855	unit
40	Sound Resonance Set: Loud Speaker	110	pc
41	Sound Resonance Set: Resonance Tube, close-ended	110	pc
42	Sound Resonance Set: Tone Generator	110	pc
43	Strobe Light	1,050	pc
44	Switch, Knife type, Single Pole Single Throw	37,780	pc
45	Ticker Timer Set	22,745	set
46	Toy Car, non-friction, non-battery	6,100	pc
47	Tuning Fork Set	110	pc
48	Vacuum Tube and Manual Vacuum Pump	1,050	set

**Statement of Compliance**

I/We have read and understood the requirements/scope of service/terms of reference and conditions stipulated herein and shall therefore comply to the conditions set forth in the Contract with respect to this **Section VI. Schedule of Requirements**, if our bid is considered for award.

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Name and Signature of Bidder's Authorized Representative

IV. Please see attached revised **Annex "A"** (List of Items), **Annex "B"** (Bid Data Sheet), **Annex "C"** (Bid Security), and **Annex "J"** (Price Schedule Form).

All other provisions not herein modified shall remain in full force and effect.

For your information and guidance.

**G.H. S. AMBAT** *do 0211060512075*  
Assistant Secretary and Chairperson;