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AN ORDINANCE APPROPRIATING THE AMOUNT OF P15,000.00 TO BE MADE AVAILABLE FOR THE PURCHASE, THRU PUBLIC BIDDING, OF SCIENCE EQUIPMENT, INSTRUMENTS, APPARATUSES, VISUAL AND AUDITORY AIDS AND LABORATORY CHEMICALS FOR THE SCIENCE DEPARTMENT OF ARELLANO HIGH SCHOOL.

Be it ordained by the Municipal Board of the City of Manila, that:

SECTION 1. The amount of P15,000.00, or so much thereof as may be necessary, is hereby appropriated out of the unappropriated fund existing in the City Treasury to be made available for the purchase, thru public bidding, of science equipment, instruments, apparatuses, visual and auditory aids and laboratory chemicals for the Science Department of Arellano High School:

- Six (6) pieces equilateral prisms, flint glass, 25 x 75 mm., #855-05-1
- Two (2) pieces equilateral prisms, 75 mm., #85540
- Two (2) pieces cylindrical mirror, 5 x 10 cm., #85540
- Ten (10) pieces plain mirror, square US mfr., #85440
- Four (4) pieces spherical mirror, concave, 4 cm. dia., 25 cm. focus, #85405
- Two (2) sets polarization kit, basis demonstrator Pioneer, #87610
- One (1) box replica diffraction gratings, 25 mounted, #86252
- Six (6) pieces double burette clamp screw, #12112
- Ten (10) pieces clamps, symmetrical round, #12108
- Ten (10) pieces ring with clamp No. 18005-2 3" OD
- Six (6) pieces ring angle clamp cast alloy No. 12266
- Two (2) pieces stopwatch, plan timer, US. #71516
- Two (2) pieces Brownian Movement apparatus, US. mfr., #73960
- Two (2) pieces Hooke's Law, Apparatus, #73960, US mfr.
- One (1) piece acoustic and color disk No. 74585, US mfr.
- Two (2) pieces Newton color disk, #74585, US mfr.
- One (1) piece Parabolic reflector, US mfr., #77650
- Two (2) pieces radiometer, US mfr., #77640
- Two (2) pieces heat conductometer, US mfr.
- Three (3) pieces electric motor (St. Luis Motor) 2950 No. 29945
- Four (4) pieces sinker No. 76545 density
- Four (4) pieces pendulum clamp
- Three (3) pieces platform balance (trip scales) No. 3560
- Six (6) pieces glass cutter, steel wheel, #13970, US mfr.
- One (1) dozen tubing connector, polyethe #18306
- One (1) case Reagent bottles, Pyrex, 250 ml., #10778-7, 36/case
- One (1) set Cork, borer, brass with handle, #12465
- Ten (10) packages filter paper, #13250-55-5, 5.5 cm. dia.
- Two (2) dozens alligator clip No. 83960
- Four (4) pieces bookshelves with glass cover, tangle
- One (1) piece sound projector, 16 mm RCA Victor
- One (1) piece differential tuning Forks No. 84571
- Five (5) pieces density block, waterproofed wood
- Two (2) pieces equilibrium tubes No. 76095
- Four (4) pieces hydrometer No. 16800 heavy liquids
- Four (4) pieces hydrometer No. 16805 light liquids
- Five (5) pieces tall form metric weight sets No. 9125 (1 gram to 1 kg.)
- One (1) package asbestos board squares No. 10141-3, 12" x 12" (in packages of 12)
- Four (4) pieces blow pipe No. 10260
- Six (6) pieces deflagrating spoon No. 12662, stainless steel
- One-half (1/2) case bi-clamp test tube holder No. 12150, case of 72

- Six (6) pieces beaker tongs, No. 12090
- One-half ($\frac{1}{2}$) case mortar and pestle No. 17381-80, #00 80 mm., case of 12
- One-third ($\frac{1}{3}$) case crucible, low form No. 18540-4, #1, case of 36
- One-fifth ($\frac{1}{5}$) case crucible covers No. 18538-66, #1, 66 mm. dia. or to fit crucible No. 18540-4 #1
- One (1) piece laboratory cart, stainless steel No. 19106 cart
- Twelve (12) pieces pyrex graduated cylinder No. 14268-250
- Twelve (12) pieces pyrex graduated cylinder No. 14268-400
- Twelve (12) pieces pyrex graduated cylinder No. 14268-600
- Two (2) pieces periodic table of the elements with wood slats No. 12056
- One (1) piece periodic table of the elements on spring rollers No. 12057
- Three (3) packages notebook size periodic charts No. 12054
- One (1) set Molecular model set No. 71307
- One (1) set Hart Atomic model No. 71302
- One (1) set Styreform spheres for construction of molecular Models No. 71314-1 $\frac{3}{4}$ in dia.
- One (1) set Molecular models No. 71314-2 (in dia.)
- One (1) set Molecular models No. 71314-3 (2 in dia.)
- One (1) set Laboratory jack No. 19089-001
- One (1) piece Widefield teaching microscope, triple nose piece No. 60912
- Twenty (20) pieces Culture microscope slide No. 66350 with one depression
- Twenty (20) pieces Culture microscope slide No. 66360 with two depressions
- Three (3) pieces Staining preparation dish No. 48010-1 dish, 105 mm.
- Three (3) pieces cover glassforceps No. 66600
- Three (3) Syracuse staining dish No. 480100 char edge dish
- Six (6) sets Economy dissecting sets No. 53000 Cosmobile No. 71346 Solar System in the form of a colorful decoral
- Three (3) pieces Platinum inoculating needle No. 46200-1
- One (1) piece Hydrometer, battery, syringe type with thermometer for determining the charge of a storage battery
- One (1) piece Label Book No. 1700 for labelling bottles, approximately 3 x 8 cm. No. 1700
- Eight (8) pieces Ring, iron with clamp and thumb screw 18005-400
- Eight (8) pieces Support base rectangular, 8 x 4- $\frac{7}{8}$ inches with 20-inch rod No. 19070-2
- Six (6) pieces Thermometer, double scale, engraved stem, graduated 20°C to 110°C to 230°F
- Six (6) pieces Support rod, aluminum alloy $\frac{1}{2}$ in. diameter, threaded $\frac{3}{8}$ -16 but 40 in. long
- Six (6) pieces Tripods, iron, with crucible support, diameter 4- $\frac{3}{8}$ inches; height 9 inches No. 19765
- Five (5) pieces Tuning fork, unmounted length 8 inches, scale letter C; 256 vibrations I O.5 C.P.S. No. 84560-3
- Five (5) pieces Tuning fork, unmounted, length 7 in. scale letter G; 384 I O.5 C.P.S.
- Five (5) pieces Tuning fork, unmounted, length 6 $\frac{3}{4}$ inches, scale letter C; 512 I O.5 C.P.S. No. 84560-11
- Six (6) pieces Embedding blocks, square of hand vulcanized fiber, $\frac{3}{4}$ x 1 in. No. 68000-4

S U M M A R Y

TOTAL FOR SCIENCE EQUIPMENT, INSTRUMENTS, APPARATUS, VISUAL AND AUDITORY AIDS	P14,808.12
TOTAL FOR LABORATORY CHEMICALS	191.88
GRAND TOTAL -----	<u>P15,000.00</u>

SEC. 2. This ordinance shall take effect upon its approval.

Enacted by the Municipal Board of the City of Manila at its regular session today, July 27, 1966.

Approved by His Honor, the Mayor on *August 26, 1966.*

APPROVED:

Antonio S. Villegas
ANTONIO S. VILLEGAS
Mayor
City of Manila

Herminio A. Astorga
HERMINIO A. ASTORGA
Vice-Mayor and
Presiding Officer, Municipal Board

ATTESTED:

Serafin P. Manalo
SERAFIN P. MANALO
Secretary to the Mayor

Manuel A. Robles
MANUEL A. ROBLES
Secretary, Municipal Board

OPV/nsp