



Republic of the Philippines
Department of Education
 Cordillera administrative region

BID BULLETIN No. 01
DEPED-CAR RO - CB 2024-07-014

TO : BAC Members, TWG & BAC Secretariat
 All Interested Bidders
 All Concerned

FROM : **RONALD B. CASTILLO, CESO V**
 BAC Chairperson

PROJECT : **SUPPLY AND DELIVERY OF LEARNING TOOLS AND EQUIPMENT – SCIENCE AND MATHEMATICS EQUIPMENT (LTE-SME) FOR DEPED-CAR**

DATE : **July 26, 2024**

Project Identification Number: DEPED-CAR RO - CB 2024-07-014

For the information of all interested bidders and all concerned, amendment of the project: “Supply and Delivery of Learning Tools and Equipment - Science and Mathematics Equipment (LTE-SME) for DepEd-CAR” are the following:

1. Amendment/Supplemental in Section VII, Technical Specifications

NO.	FROM	TO
4.	<p>Beaker, borosilicate, 500 mL Functional Specifications: To measure the pH of a substance solution indicating its acidity, being neutral, or its basicity/alkalinity in 0.1 pH readability Performance Specifications: Must be able to measure the pH of each substance/solution in 0.1 pH readability, a) For an acid: pH 0 pH 6.0 b) For basic/alkaline : pH 8.0 to pH 14.0. c) For neutral (distilled water) : pH 7.0 Design Specifications: 1. Type: Portable handheld digital pen type 2. Material: Plastic with the following dimensions: a) Length: 6.2 in (155.45 mm) (min) b) Width: 1.5 in (38.1 mm) (min) c) Height: 1.3 in (33.02 mm) (min) 3. With retractable electrode 4. Comes with one (1) pc protective cap 5. Electrodes extend up to 3.15" (80.01</p>	<p>Beaker, borosilicate, 500 mL Functional Specifications: a) Used to contain/hold/prepare solids and liquids during chemical reaction and to heat them over a Bunsen burner's flame up to 150°C for normal, standard use service and b) to serve as a water both when heating flammable chemicals instead of an open flame to prevent ignition. Performance Specifications: a) Must be able to contain/hold /prepare solids and liquids during chemical reaction and heats them over a Bunsen burner's flame up to 150°C for normal, standard use service and to serve as a water both</p>



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<p>mm) (min)</p> <p>6. Waterproof</p> <p>7. pH range: pH 0 to pH 14</p> <p>8. Accuracy: \pm 0.2 pH</p> <p>9. Features a bold LCD display of pH</p> <p>10. With automatic temperature compensation</p> <p>11. Supplied with accessories:</p> <p>a) One (1) bottle pH 7.0 buffer solution Capacity of pH 7.0 buffer solution: 50 mL</p> <p>b) with one (1) pc calibration screwdriver</p> <p>c) One (1) pc 9V battery</p> <p>d) Packed in hard plastic carry case</p> <p>12. Manufacturer should be accredited by NIST standards or its equivalent to the country of origin to certify that their items are calibrated.</p> <p>13. With User's Manual in English</p> <p>14. With Student Worksheets/Teacher's Manual in English</p> <p>15. For numbers 13-14. the following technical specifications from a-e must be followed:</p> <p>a) For Contents List of materials. In table form</p> <p>b) For User's Manual, Teacher's Guide, Student worksheets. Instruction Sheets/Assembly Guides, In sentences format</p> <p>i) With sentences grammatically correct and</p> <p>ii) With correct spelling and terminologies, punctuations and others</p> <p>c) In original print, not photocopied</p> <p>d) In colored pictures, drawings/illustrations</p> <p>e) in ten (10) mil laminated keycard that shall contain the actual colored picture of the model including the name: labeled with the required parts with details as follows</p> <p>i) Paper Size: A4 size , 80 gsm</p> <p>ii) Font: Times New Roman</p> <p>iii) Font size: 12</p> <p>iv) Orientation: Portrait</p> <p>v) Margins on all sides with 2 point width border line</p> <p>vi) Line with arrow head of 1.25 point with width snail point to the specific part being labeled</p> <p>16. Must be free from sharp edges</p> <p>17. Must have a brand</p>	<p>b) to serve as a water bath when heating flammable chemicals instead of an open flame to prevent ignition.</p> <p>Design Specifications:</p> <p>1. Type: Berzellius. tall form</p> <p>2. Shape: Cylindrical container with straight sides, a flat bottom with a small spout (or "beak") to aid pouring</p> <p>3. Material: Borosilicate. clear. bubble free glass, Berzellius. tall form with the following dimensions:</p> <p>a) Outside Diameter Range :75 mm - 80 mm</p> <p>b) Height range: 136 mm - 140 mm</p> <p>c) Thickness: 1.5 mm to 2.0 mm</p> <p>4. Capacity: 500ml; \pm 5% etched/embossed onto the gloss</p> <p>5. With permanent white enamel graduations of approximate volumes. Inscriptions and</p> <p>6. With large white marking spot</p> <p>7. With easy pour spout</p> <p>8. Double graduated metric scale</p> <p>9. Marked to fill: Graduation starts at 50 ml in 50 ml increments</p> <p>10. Marked to empty: Graduation starts at 0 ml in 50 ml increments</p> <p>11. Can withstand heating up to 200-230°C for normal standard us service</p> <p>12. Wrapped in paper, enclosed in bubble wrap and packed individually in a compartmentalized box</p> <p>13. Must be free from breakage, 'cracks, chipped rims and other defects</p> <p>14. Comes with a brand. with five (5) years existence in the glass wares industry</p>
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