

***SUPPLY AND DELIVERY OF 2,882 SCIENCE AND MATHEMATICS
EQUIPMENT PACKAGES TO 584 PUBLIC JUNIOR HIGH
SCHOOLS FOR GRADES SEVEN (7) TO TEN (10)***

**Quality Assurance Procedures During Sample Evaluation of Market
Goods**

The supplier shall submit the samples to DepEd Central Office Procurement Service and the TWG will evaluate the sample base on the Technical Specifications.

I. GENERAL REQUIREMENTS

- The sample units shall be submitted by the bidder/s with the LCB to the BAC Secretariat for proper labeling and/or marking, on or before the set deadline. Refusal or unreasonable delay to submit the demo units within the prescribed period shall be a ground for enforcement of the Bid Securing Declaration, forfeiture of the bid security and disqualification for award.
- Bidders shall submit the quantities of sample units specified above.
- The sample unit/s to be submitted shall have the same specifications (or better) as indicated in the Bidder's Actual Offer (Technical Specification Section)
- The Sample units shall be brand new, properly packed and with proper labeling and/or marking of lots to be participated in.
- Require ISO Certification for the manufacturer of the mass-produced and market goods.
- The supplier shall submit certification under oath that the tools and equipment supplied is non-toxic, lead free, and mercury free and will be effective until the warranty period.
- All chemicals must have a minimum life (expiration) of two years reckoned from the month and year delivered to the recipient schools.
- The Inspection and Test Protocols shall serve as guide during sample evaluation and pre-delivery inspection.

During Testing:

- Bidders may witness the testing and evaluation of samples, subject to the guidelines that will be issued accordingly.
- The BAC Secretariat and TWG shall be the only official photographer/videographer who will cover the whole testing procedures.

II. Laboratory Glass Wares and Plastic Wares with Graduations and Markings:

Submission of Samples

The Supplier should submit sample of every goods that the BAC requires for evaluation by the TWG during post qualification evaluation of the bids.

Evaluation of Samples:

1. The technical specifications, which are part of the Bidding Documents, will be used as reference during evaluation.
2. Conduct visual evaluation. The material must conform with the technical specifications. There must be no trapped air bubbles, deformities, breakage, chipped edges, sharp edges, cracks, and other deficiencies/defects. Printed graduations and/or markings must be clear and legible and in standard form (e.g., abbreviation of centimeter must be in small letters “cm”) and could not be scratched off/peeled off.
3. Do dimensional evaluation through linear measurement of the height, width, length, diameter, depth, and/or thickness.
4. Do volumetric test, with reference to a standard graduated cylinder, to check the accuracy and preciseness of the printed graduations and verify whether the required minimum/maximum (volumetric) capacity of the glass or plastic ware, as stipulated in the technical specifications, is met.
5. For borosilicate glass material, do the refractive-index test (by submerging the glass into glycerin) to determine whether the glass material is borosilicate. Substances with almost the same refractive indexes like glycerin and borosilicate glass, the material cannot be distinguished from each other.
6. For alcohol thermometer, there must be no trapped air (or discontinuity) in the alcohol column. Validate, also, the accuracy and preciseness of the printed graduations by conducting a boiling-point test wherein the alcohol thermometer and a standard reference mercury thermometer are, together, immersed into water (up to their immersion lines) and the water is, then, heated to its boiling point. The reading of the alcohol thermometer and the reference mercury thermometer should be the same.
7. Quality control product markings are required, such as CE, ISO ASTM, PS, and the likes. If not available, the Supplier is required to submit quality assurance certificate/s issued by the manufacturer/s within the duration of the post-qualification period.
8. Non-compliance with the technical specifications will be the basis for the rejection of the sample/s (or rating the sample/s as “FAILED”).
9. The Inspection and Test Protocol will serve as guide during the conduct of the evaluation / inspection.

III. Laboratory Glass Wares and Plastic Wares without Graduations and Markings, including Porcelain Wares:

1. The technical specifications, which are part of the Bidding Documents, will be used as reference during evaluation.
2. Conduct visual evaluation. The material must conform with the technical specifications. There must be no trapped air bubbles, deformities, breakage, chipped edges, sharp edges, cracks, and other deficiencies/defects.
3. Do dimensional evaluation through linear measurement of the height, width, length, diameter, depth, and/or thickness.
4. Do volumetric test to check whether the required minimum/maximum (volumetric) capacity, as stipulated in the technical specifications), is met using the standard graduated cylinder as reference.
5. For borosilicate glass material, do the refractive-index test (by submerging the glass into glycerin) to determine whether the glass material is borosilicate. Substances with almost the same refractive indexes like glycerin and borosilicate glass, the material cannot be distinguished from each other.
6. Quality control product markings are required, such as CE, ISO, ASTM, PS, and the likes. If not available, the Supplier is required to submit quality assurance certificate/s issued by the manufacturer/s within the duration of the post-qualification period.
7. Non-compliance with the technical specifications will be the basis for the rejection of the sample/s (or rating the sample/s as “FAILED”).
8. The Inspection and Test Protocol will serve as guide during the conduct of the evaluation / inspection.

IV. Science and Mathematics Equipment (Market Item):

1. The technical specifications which are part of the Bidding Documents, will be used as reference during evaluation.
2. Conduct visual evaluation. The material/s must conform with the technical specifications. There must be no breakage, peeled-off paint, chipped edges, sharp edges, cracks, scratches, and other deficiencies/defects.
3. Do dimensional evaluation. Measure the height, width, length, diameter, depth, and/or thickness.
4. Printed graduations and/or markings must be clear and legible and in standard form (e.g., abbreviation of centimeter must be in small letters “cm”) and could not be scratched off/peeled off.
5. Do functionality test to validate the level of performance and accuracy of the sample/s.
6. Quality control product markings are required, such as CE, ISO ASTM, PS, and the likes. If not available, the Supplier is required to submit quality assurance certificate/s issued by the manufacturer/s within the duration of the post-qualification period.
7. Non-compliance with the technical specifications will be the basis for the rejection of the sample/s (or rating the sample/s as “FAILED”).
8. The Inspection and Test Protocol will serve as guide during the conduct of the evaluation / inspection.