

Technical Requirements for

MARKER, PERMANENT, ASSORTED COLORS

PRODUCT SPECIFICATIONS

- Ink Color: Black, Blue, Red
- Tip: Felt
- Writing/Line Width (min.): 1.5mm
- Brand shall be engraved/embossed/printed/permanently stickered on the item.
- Material and Structure:
 - The cap shall fit snugly or firmly to the barrel and of such structure that will easily cap and decap;
 - The ink reservoir shall be stable to prevent leakage when stored and the ink flow out adequately upon use; and
 - The tip of the pen shall be of suitable firmness and good structure that will regulate the flow of ink.
- Shall comply with the following parameters:
 - Writing Performance Test
 - Drying Performance Test
 - Resistance to Water Test

EVIDENCE and VERIFICATION

- **Documentary Evidence to be submitted during Post-qualification:**
 - Valid test report from a government laboratory testing center or government accredited private laboratory testing center or third party laboratory testing center. In case there is no available government laboratory center or the required testing method is not available, the test may be conducted by a government accredited private testing center; or if still not available, by a third party laboratory testing center.
 - Valid test report showing compliance to the following parameters:
 - Writing Performance
 - Drying Performance
 - Resistance to Water Test
- **A Confirmatory Test during delivery** from a government laboratory testing center or government accredited private laboratory testing center or third party laboratory testing center. In case there is no available government laboratory center or the required testing method is not

available, the test may be conducted by a government accredited private testing center; or if still not available, by a third party laboratory testing center.

o Valid test report showing compliance to the following parameters:

- Writing Performance
- Drying Performance
- Resistance to Water Test

● **In-House Test:**

o Ink Color: Black, Blue, Red

o Tip: Felt

o Writing/Line Width:

- Write five (5) horizontal lines. Using a steel ruler, measure the width of each line. Width shall be at least 1.5mm for each line.

o Material and Structure:

- The cap shall fit snugly or firmly to the barrel and of such structure that will easily cap and decap;
- The ink reservoir shall be stable to prevent leakage when stored and the ink flow out adequately upon use; and
- The tip of the pen shall be of suitable firmness and good structure that will regulate the flow of ink.

● Two (2) boxes per color with marking/labeling shall be provided by the bidder during the submission of additional post-qualification documents for verification of the product specifications.

PACKAGING

- Twelve (12) pieces per box or Standard packaging of the Manufacturer
- Additional Requirement on Packaging, refer to the attached Annex "A".

MARKING/LABELING

- Shall conform with the minimum Marking and Labeling Requirements under Article 77 of Republic Act 7394 (Consumer Act of the Philippines) whichever is/are applicable among those requirements to this item.
- Brand shall be engraved/embossed/printed/permanently stickered on the item.

REFERENCES

- *PNS 2049:2006 for the Writing Performance, Drying Performance and Resistance to Water Tests.*