TECHNICAL SPECIFICATIONS OF EARTAG & EAR TAG APPLICATOR

<table>
<tr><th>Sr. No.</th><th>Description</th></tr>
<tr><td>1</td><td><u>Description</u>: The ear tag composed of two parts (Male + Female). The male part is a button with a diameter of 27 mm (±2mm). The male part should have a metal point. The size of the female piece should be comprised between 55 x 65 mm and 58 x 69 mm with a closed head.</td></tr>
<tr><td>2</td><td><u>Raw Material</u>: The tag should be made from Ether grade Thermoplastic Polyurethane Elastomer material that should be resistant to ultraviolet light, high and low temperature, impossible to reopen by wrench and should be tamperproof.
The manufacturer should provide documentation from the independent and recognized sources to demonstrate the non-resolvability of its tags. Pull test certificate for the ear tag with minimum 28KgF pull test force shall be furnished at the time of submitting technical bid.</td></tr>
<tr><td>3</td><td><u>Weight</u>: The weight of the ear tag (male+female) should be 7 grams (+/- 10%).</td></tr>
<tr><td>4</td><td>Printing (Laser):<table><tr><td>1st Line</td><td>: One dimensional Barcode with encoding 128, 10mm high (+/-1mm).</td></tr><tr><td>2nd Line</td><td>: A row of 6 digits, 10mm high (+/-1mm).</td></tr><tr><td>3rd Line</td><td>: A row of 6 digits, 18mm high (+/-1mm).</td></tr></table></td></tr>
<tr><td>5</td><td>Numbers and bar code should be covering full size of the female tag and leaving 2 mm margin on all sides.</td></tr>
<tr><td>6</td><td>The printing must be as dark as possible to ensure the readability of the bar code over the years. The manufacturer should provide documentation to demonstrate the readability of its tags over the years. Animal Breeding (AB) Group, NDDB will send the list of twelve-digit numbers to be laser printed on ear tags.</td></tr>
<tr><td>7</td><td><u>Colour</u> : The colour of the tag should be lemon yellow</td></tr>
<tr><td>8</td><td><u>Packing</u> : In order to manage the tag inventory the eartag should be packed in batches of 100 pieces in a good quality polyethylene bags indicating beginning and ending numbers and further packed in a corrugated box containing 500 pieces of ear tags i.e. 5 polyethylene bags each containing 100 pieces of ear tags.</td></tr>
<tr><td>9</td><td><u>Ear Tag Applicator</u>: Compatible Universal applicator with 1 extra pin along with the ear tags should also be supplied.</td></tr>
<tr><td>10</td><td><u>Ear Tag-Test Report-</u> a) Ether Grade Test Report is required to be provided at the time of supply (Finished good)
b) Manufacturer’ test certificate should be attached with the proposal (Raw Material)</td></tr>
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