

**Division of Bacteriology -Mastitis control project Requirement for 2026**

**1) Chemicals, Reagents, Media**

| Serial No | Name of the Item      | Qty    | Specification   | Bidder's Response |    | If "No" bidder's specification |
|-----------|-----------------------|--------|---|-------------------|----|--------------------------------|
|           |                       |        |   | Yes               | NO |                                |
| 1         | Lanoline anhydrous    | 150 Kg | Production of intra mammary infusion/ minimum shelf life for 2 years from the delivery date |                   |    |                                |
|           |                       |        | The final product has been optimized with "VWR" brand BP, USP grade                         |                   |    |                                |
|           |                       |        | Need to provide information of batch number, manufacture date and expiry date               |                   |    |                                |
| 2         | Peanut oil            | 50L    | Production of intra mammary infusion/ minimum shelf life for 2 years from the delivery date |                   |    |                                |
|           |                       |        | Refine pure oil   |                   |    |                                |
|           |                       |        | BP, USP Grade   |                   |    |                                |
|           |                       |        | Need to provide information of batch number, manufacture date and expiry date               |                   |    |                                |
| 3         | Cloxacilin Benzathine |        | Purity should be more than 95%  |                   |    |                                |
|           |                       |        | Need to provide Analysis report   |                   |    |                                |
|           |                       |        | consisting of batch number  |                   |    |                                |

|           |  |            |  |  |  |  |
|-----------|--|------------|--|--|--|--|
|           |  | 10 Kg      | manufacture date, expiry date, date of test result characters, identification (IR), solubility, Percentage of active ingredient, sterility |  |  |  |
| 4         | Enrofloxacin<br>Antimicrobial Powder           | 5 Kg       | Purity should be more than 95%   |  |  |  |
|           |  |            | Need to provide Analysis report  |  |  |  |
|           |  |            | consisting of batch number   |  |  |  |
|           |  |            | manufacture date, expiry date, date of test result characters, identification (IR), solubility, Percentage of active ingredient, sterility |  |  |  |
| 5         | Cephaperin Benzathine antimicrobial powder     | 5 Kg       | Purity should be more than 95%   |  |  |  |
|           |  |            | Need to provide Analysis report  |  |  |  |
|           |  |            | consisting of batch number   |  |  |  |
|           |  |            | manufacture date, expiry date, date of test result characters, identification (IR), solubility, Percentage of active ingredient, sterility |  |  |  |
| 6         | Ethanol absolutes                              | 2.5 L X 24 | Analar Grade, 99% purity   |  |  |  |
| 7         | Disk diffusion test disk , tigecline 15µg      | 25         | EU products, over one year shelf life, 50 in a cartriges, OXOID  |  |  |  |
| Media Vat | Disk diffusion test disk, ciprofloxacillin 5µg | 25         | EU products, over one year shelf life, 50 in a cartriges, OXOID  |  |  |  |
| 9         | Disk diffusion test disk, Ampicillin 10µg      | 25         | EU products, over one year shelf life, 50 in a cartriges, OXOID  |  |  |  |

|    |  |    |   |  |  |  |
|----|--|----|---|--|--|--|
| 10 | Disk diffusion test disk, erythromycine                            | 25 | EU products, over one year shelf life, 50 in a cartriges, OXOID |  |  |  |
| 11 | Disk diffusion test disk, chloramphenicol                          | 25 | EU products, over one year shelf life, 50 in a cartriges, OXOID |  |  |  |
| 12 | Disk diffusion test disk gentamicin 10µg                           | 25 | EU products, over one year shelf life, 50 in a cartriges, OXOID |  |  |  |
| 13 | Disk diffusion test disk streptomycin                              | 25 | EU products, over one year shelf life, 50 in a cartriges, OXOID |  |  |  |
| 14 | Disk diffusion test disk, amikacin 30µg                            | 25 | EU products, over one year shelf life, 50 in a cartriges, OXOID |  |  |  |
| 15 | Disk diffusion test disk, cefotaxmine 5µg                          | 25 | EU products, over one year shelf life, 50 in a cartriges, OXOID |  |  |  |
| 16 | Disk diffusion test disk, meropenem 10µg                           | 25 | EU products, over one year shelf life, 50 in a cartriges, OXOID |  |  |  |
| 17 | Disk diffusion test disk Amoxycillin clavulonic acid 20-10µg       | 25 | EU products, over one year shelf life, 50 in a cartriges, OXOID |  |  |  |
| 18 | Disk diffusion test disk, cefalexin 30µg                           | 25 | EU products, over one year shelf life, 50 in a cartriges, OXOID |  |  |  |
| 19 | Disk diffusion test disk, cefoxitin 30µg                           | 25 | EU products, over one year shelf life, 50 in a cartriges, OXOID |  |  |  |
| 20 | Disk diffusion test disk, ceftazidime 10µg                         | 25 | EU products, over one year shelf life, 50 in a cartriges, OXOID |  |  |  |
| 21 | Disk diffusion test disk, ertapenem 10µg                           | 25 | EU products, over one year shelf life, 50 in a cartriges, OXOID |  |  |  |
| 22 | Disk diffusion test disk trimethoprim 5µg                          | 25 | EU products, over one year shelf life, 50 in a cartriges, OXOID |  |  |  |
| 23 | Disk diffusion test disk trimethprim sulfamethoxasole 1,25 23.75µg | 25 | EU products, over one year shelf life, 50 in a cartriges, OXOID |  |  |  |
| 24 | Disk diffusion test disk nitorfurantoin 100µg                      | 25 | EU products, over one year shelf life, 50 in a cartriges, OXOID |  |  |  |

|              |  |         |  |  |  |  |
|--------------|--|---------|--|--|--|--|
| 25           | Disk diffusion test disk tobramycine 10µg    | 25      | EU products, over one year shelf life, 50 in a cartridges, OXOID |  |  |  |
| 26           | Disk diffusion test disk piperacillin 5mg    | 25      | EU products, over one year shelf life, 50 in a cartridges, OXOID |  |  |  |
| 27           | Disk diffusion test disk clindamycin 2mg     | 25      | EU products, over one year shelf life, 50 in a cartridges, OXOID |  |  |  |
| 28           | Tetracycline powder                          | 1       | EU products, Analar grade, purity over 90%, 100g                 |  |  |  |
| 29           | Minocycline                                  | 1       | EU products, Analar grade, purity over 90%, 100g                 |  |  |  |
| 30           | Tigecycline                                  | 1       | EU products, Analar grade, purity over 90%, 100g                 |  |  |  |
| 31           | Salmonella O Polyvalent (group A - G)        | 1       | Salmonella Polyvalent Agglutinating Sera, 2ml                    |  |  |  |
| 32           | Salmonella O Polyvalent (group A - S)        | 1       | Salmonella Polyvalent Agglutinating Sera, 2ml                    |  |  |  |
| 33           | Salmonella O Factor 2 (group A)              | 1       | Salmonella Polyvalent Agglutinating Sera, 2ml                    |  |  |  |
| 34           | Salmonella O Factor 4 (group B)              | 1       | Salmonella Polyvalent Agglutinating Sera, 2ml                    |  |  |  |
| 35           | Salmonella O Factor 6, 7 (group C1)          | 1       | Salmonella Polyvalent Agglutinating Sera, 2ml                    |  |  |  |
| 36           | Salmonella O Factor 8 (group C2)             | 1       | Salmonella Polyvalent Agglutinating Sera, 2ml                    |  |  |  |
| 37           | Salmonella O Factor 9 (group D)              | 1       | Salmonella Polyvalent Agglutinating Sera, 2ml                    |  |  |  |
| 38           | Salmonella O Factors 3, 10, 15, 19 (group E) | 1       | Salmonella Polyvalent Agglutinating Sera, 2ml                    |  |  |  |
| <b>Media</b> |  |         |  |  |  |  |
| <b>Media</b> |  |         |  |  |  |  |
| 1            | Nutrient agar dehydrated                     | 500g X3 | EU standards, 500g, 2 years shelf life                           |  |  |  |

|   |                             |   |  |  |  |  |
|---|-----------------------------|---|--|--|--|--|
| 2 | Enterococous selective agar | 1 | EU products, 2 years shelf life in delivery,500g |  |  |  |
|---|-----------------------------|---|--|--|--|--|

**Division of Bacteriology -Mastitis control project Requirement for 2026**

**Laboratory Equipment**

| Serial No | Name of the Item       | Qty | Specification   | Bidder's Response |    | If "No" bidder's specification |
|-----------|------------------------|-----|---|-------------------|----|--------------------------------|
|           |                        |     |   | Yes               | NO |                                |
| 1         | UPS unit for qPCR unit | 1   | Compatible for Biorad q PCR unit  |                   |    |                                |
|           |                        |     | Input Voltage Range (110V – 300V)   |                   |    |                                |
|           |                        |     | Communication – RS232, USB and RJ45EPO.   |                   |    |                                |
|           |                        |     | LCD & LED Status Display – multi-lingual, large format and easy to read display   |                   |    |                                |
|           |                        |     | Predictive Failure Notification ability   |                   |    |                                |
|           |                        |     | Battery Failure Notification .  |                   |    |                                |
|           |                        |     | Automatic Restart of Loads After UPS Shutdown – automatically starts up the connected equipment upon the return of power. |                   |    |                                |
|           |                        |     |   |                   |    |                                |
|           |                        |     | <b>OUTPUT CHARACTERISTICS</b>   |                   |    |                                |
|           |                        |     | Output Voltage: 230V AC   |                   |    |                                |
|           |                        |     | AC Voltage Regulation: +/- 1%   |                   |    |                                |
|           |                        |     | Frequency Range : 46-54Hz @ 50Hz / 56-64Hz @ 60Hz   |                   |    |                                |

|   |                 |   |   |  |  |  |
|---|-----------------|---|---|--|--|--|
|   |                 |   | Transfer Time: Inverter to Bypass: 0 ms               |  |  |  |
|   |                 |   | Efficiency > 88% in AC mode and battery mode          |  |  |  |
|   |                 |   | Phase: Single Phase with Ground                       |  |  |  |
|   |                 |   | <b>Warranty - 3 yrs</b>                               |  |  |  |
|   |                 |   | <b>Eu standards certificate and</b>                   |  |  |  |
|   |                 |   | <b>User manual should be supplied</b>                 |  |  |  |
|   |                 |   | <b>Warranty - 3 yrs</b>                               |  |  |  |
|   |                 |   | <b>User manual should be supplied</b>                 |  |  |  |
|   |                 |   | <b>Eu standards</b>                                   |  |  |  |
|   |                 |   |   |  |  |  |
|   |                 |   |   |  |  |  |
| 2 | Homogenizer     |   | Stirring volume of up to 10 liters                    |  |  |  |
|   |                 |   | Handles fluids up to 10,000 mP*s (cP)                 |  |  |  |
|   |                 | 1 | Speed variable from 10,000 to 30,000 rpm              |  |  |  |
|   |                 |   | Shaft connects easily and quickly through a shap hook |  |  |  |
|   |                 |   | Stainless steel shaft with PTFE seals                 |  |  |  |
|   |                 |   | Overload protection                                   |  |  |  |
|   |                 |   | smooth start and safety switch                        |  |  |  |
|   |                 |   | Power supply 230 v / 50 HZ                            |  |  |  |
|   |                 |   | Graduated stirring speed                              |  |  |  |
|   |                 |   | Warranty three yrs                                    |  |  |  |
|   |                 |   |   |  |  |  |
|   |                 |   | Washing capacity approx. 10kg                         |  |  |  |
| 3 | Washing machine | 1 | Motor inverter  |  |  |  |
|   |                 |   | Turbo wash  |  |  |  |
|   |                 |   | With dryer  |  |  |  |
|   |                 |   | Insect and mice proof                                 |  |  |  |

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**Pharmacy items (eg-: gloves, Plasters, Gauze, Face masks.. etc)**

| Serial No | Name of the Item                  | Qty      | Specification   | Bidder's Response |    | If "No" bidder's specification |
|-----------|-----------------------------------|----------|---|-------------------|----|--------------------------------|
|           |                                   |          |   | Yes               | NO |                                |
| 1         | Disposable gloves                 | 30 boxes | Small size  |                   |    |                                |
|           |                                   |          | latex rubber  |                   |    |                                |
|           |                                   |          | powder free   |                   |    |                                |
|           |                                   |          | 100 in a box  |                   |    |                                |
| 2         | Disposable gloves                 | 30 boxes | Medium size   |                   |    |                                |
|           |                                   |          | latex rubber  |                   |    |                                |
|           |                                   |          | powder free   |                   |    |                                |
|           |                                   |          | 100 in a box  |                   |    |                                |
| 3         | Syringe FOR INTRAMAMMARY INFUSION | 25000    | capacity 10 ml, for syringe filing from barral tip , made of PE, with cap , |                   |    |                                |
| 4         | Disposable gloves                 | 30 boxes | Large size  |                   |    |                                |
|           |                                   |          | latex rubber  |                   |    |                                |
|           |                                   |          | powdered  |                   |    |                                |
|           |                                   |          | 100 in a box  |                   |    |                                |
| 5         | Disposable gloves                 | 10 boxes | Extra Large size  |                   |    |                                |
|           |                                   |          | latex rubber  |                   |    |                                |
|           |                                   |          | powdered  |                   |    |                                |
|           |                                   |          | 100 in a box  |                   |    |                                |
| 6         | Dsposable syringe                 | 100      | 1ml, with needle  |                   |    |                                |
| 7         | Dsposable syringe                 | 50       | 10ml, with needle   |                   |    |                                |

|   |                |     |   |  |  |  |
|---|----------------|-----|---|--|--|--|
| 8 | Syringe filter | 100 | sterile, individually packed luer lock, cellulose acetate, 25mmdiameter 0.2 micrometer, |  |  |  |
|---|----------------|-----|---|--|--|--|

| Serial No | Name of the Item                            | Qty | Specification   | Bidder's Response |    | If "No" bidder's specification |
|-----------|---|-----|---|-------------------|----|--------------------------------|
|           |   |     |   | Yes               | NO |                                |
| 1         | Anaerogen anaerobic sachet                  | 25  | 2.5 L volume sufficient, OXOID, 10 in a pack  |                   |    |                                |
| 2         | OXOID Carbon Dioxide sachet                 | 25  | 2.5 L volume sufficient, OXOID, 10 in a pack  |                   |    |                                |
| 3         | Microtiter plate                            | 200 | Microtiter plate, U bottom , 96 well, non sterile   |                   |    |                                |
| 4         | Microtiter plate                            | 200 | Microtiter plate, flat bottom, 96 well non sterile  |                   |    |                                |
| 5         | Pipet tips 1-10 $\mu$ l with filters        | 10  | Pipet tips 1-10 $\mu$ l with filters, universal, sterile, autoclavable, 1000 in a pack      |                   |    |                                |
| 6         | Pipet tips 100-10 $\mu$ l without filters   | 10  | Pipet tips 100-10 $\mu$ l without filters, sterile, universal, autoclavable, 1000 in a pack |                   |    |                                |
| 7         | Pipet tips 100-1000 $\mu$ l without filters | 20  | Pipet tips 100-1000 $\mu$ l with filters, sterile, universal, autoclavable, 1000 in a pack  |                   |    |                                |
| 8         | 2 ml micro tubes                            | 10  | autoclavable, sterile, 1000 in a pack, Snap Cap, conical shape bottom                       |                   |    |                                |

|    |   |    |  |  |  |  |
|----|---|----|--|--|--|--|
| 9  | Pipet tips 0.1-10 $\mu$ l with filters    | 40 | Pipet tips 1-10 $\mu$ l , universal, sterile, autoclavable, 96 in a rack,12 racks in a pack                  |  |  |  |
| 10 | Pipet tips 100-10 $\mu$ l without filters | 40 | Pipet tips 100-10 $\mu$ l without filters, sterile, universal, autoclavable, 96 in a rack,12 racks in a pack |  |  |  |

| Serial No | Name of the Item | Qty  | Specification  | Bidder's Response |    | If "No" bidder's specification |
|-----------|------------------|------|--|-------------------|----|--------------------------------|
|           |                  |      |  | Yes               | NO |                                |
| 1         | Petri dishes     | 1000 | 100 m diameter, soda lime glass, reusable and autoclavable petridishes         |                   |    |                                |
| 2         | Glass bottle     | 10   | 100 ml with screw type hard caps, reusable and autoclavable borosilicate glass |                   |    |                                |
| 3         | Glass bottle     | 20   | 2L, with screw type hard caps, reusable and autoclavable borosilicate glass    |                   |    |                                |