To Whom It May Concern

This is a Request For Quote (RFQ) from *Indian OEM or its authorized Indian distributor/s* for the supply for *Microscope stage incubation system for live cell imaging applications*, as part of a limited tender for the Department of Molecular Reproduction, Development and Genetics (MRDG) in IISc.

**Procedure:**
1. Please submit the proposal by email to the address specified at the end of this tender.
2. The deadline for submission of proposals is **Monday, 26th March 2021, by 5 pm**.
3. The technical proposal should contain a compliance table besides the technical specifications listed in the description section below.
4. The compliance table should include all the items and in the same order. The first column should describe your compliance in a “Yes” or “No” response. If “No” the second column should state the extent of deviation. The “third” column should state the reasons for the deviation if any. The fourth column can be used to compare your solution with that of your competitors or provide details as requested in the technical requirements table below.

<table>
<thead>
<tr>
<th>Description</th>
<th>Specifications</th>
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<tbody>
<tr>
<td>1. Microscope stage incubation system</td>
<td>On stage incubation system with CO₂, temperature and humidity control for long term live cell imaging</td>
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**Basic Technical Specifications**

<table>
<thead>
<tr>
<th></th>
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<tbody>
<tr>
<td>2.</td>
<td>Compatibility</td>
<td>Should be compatible with ASI stage on an existing IX83 microscope (appropriate adapters to be included for ASI/Zaber stage). Should be able accommodate 35/60 mm petridishes, multiwell plates and chamber slides for imaging applications</td>
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<tr>
<td>3.</td>
<td>CO₂ control</td>
<td>Should have in-built gas mixer for using 100% CO₂ gas cylinders and should be capable of supplying 5% CO₂ + 95% Air mixture to the Chamber at regulatable flow rate</td>
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<td>4.</td>
<td>Permissible temperature range</td>
<td>Should be able to maintain the temperature at 37°C with heated base plate as well as top lid.</td>
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<td>5.</td>
<td>Humidifier</td>
<td>Internal humidifier should be present to provide humidity more than 90%</td>
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<td>6.</td>
<td>Access port</td>
<td>The stage incubator unit should have minimum 2 access ports for perfusion applications</td>
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<td>7.</td>
<td>Lid</td>
<td>The lid should be slidable for ease of sample access and placement</td>
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<td>8.</td>
<td>Drift feature</td>
<td>The system should provide continuous CO₂ flow to prevent drift (which can occur in pulsed injection)</td>
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### Commercial Terms and Conditions

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<td>6.</td>
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<td>Warranty &amp; AMC</td>
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<td>References</td>
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<td>11.</td>
<td>Shipping</td>
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<td>12.</td>
<td>Breakdown</td>
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Please submit the quotes addressed to “The Chair, MRDG, IISc”, to the undersigned.

Sincerely,

Deepak Kumar Saini,
Associate Professor
Dept MRDG, Division of Biological Sciences
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