Quotation Notice

Quotations are invited for the following chemicals (with purity 99.9% or better and make- Sigma Aldrich/E-Merck/Fluka/Alfa Aesar) in Department of Optoelectronics, University of Kerala, Kariavattom, Thiruvananthapuram.

Description of the items:

<table>
<thead>
<tr>
<th>Sl.No.</th>
<th>Material</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Zinc sulphide</td>
<td>100g</td>
</tr>
<tr>
<td>2</td>
<td>Palladium powder</td>
<td>5 g</td>
</tr>
<tr>
<td>3</td>
<td>Terbium(III) oxide</td>
<td>10 g</td>
</tr>
<tr>
<td>4</td>
<td>Vanadium(V) oxide</td>
<td>10g</td>
</tr>
<tr>
<td>5</td>
<td>HEPES bio technology performance certified 99.5%(titration)</td>
<td>100g</td>
</tr>
<tr>
<td></td>
<td>Or HEPES sodium salt bio technology performance certified 99.5%(titration)</td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>MOPS bio technology performance certified 99.5%(titration)</td>
<td>100g</td>
</tr>
</tbody>
</table>

The firms who wish to supply the items are requested to submit the quotation in sealed cover to the undersigned on or before 22.02.2016.

11.02.2016

Professor & Head

[Stamp: Department of Optoelectronics, University of Kerala, Kariavattom, Thiruvananthapuram]
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<tr>
<td>1.</td>
<td>Silver powder</td>
<td>10 g</td>
</tr>
<tr>
<td>2.</td>
<td>Cobalt oxide (CoO)</td>
<td>5 g</td>
</tr>
<tr>
<td>3.</td>
<td>Copper (II) oxide</td>
<td>5 g</td>
</tr>
<tr>
<td>4.</td>
<td>Erbium (III) oxide</td>
<td>5g, 10g</td>
</tr>
<tr>
<td>5.</td>
<td>Tungsten(VI) oxide</td>
<td>50g</td>
</tr>
<tr>
<td>6.</td>
<td>Nickel (II) oxide (powder)</td>
<td>25 g</td>
</tr>
<tr>
<td>7.</td>
<td>Barium Carbonate (BaCO₃)</td>
<td>100g</td>
</tr>
<tr>
<td>8.</td>
<td>Manganese (II) oxide</td>
<td>10g</td>
</tr>
<tr>
<td>9.</td>
<td>Molybdenum (VI) oxide</td>
<td>50g</td>
</tr>
<tr>
<td>10.</td>
<td>Tin(iv) oxide</td>
<td>25g</td>
</tr>
<tr>
<td>11.</td>
<td>Gold powder</td>
<td>1g, 2g, 5g</td>
</tr>
</tbody>
</table>

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</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>Al$_2$O$_3$ substrate</td>
<td>25 no</td>
</tr>
<tr>
<td>2.</td>
<td>FTO plate (30 cm x 30 cm)</td>
<td>5 no</td>
</tr>
<tr>
<td>3.</td>
<td>Silicon Wafer (two side polished)</td>
<td>8 no</td>
</tr>
<tr>
<td>4.</td>
<td>ITO coated glass substrate (30 cmX 30 cm)</td>
<td>5 no</td>
</tr>
<tr>
<td>5.</td>
<td>Gallium Nitride wafer</td>
<td>8 No</td>
</tr>
<tr>
<td>6.</td>
<td>Platinum powder</td>
<td>500 mg, 1g, 2g</td>
</tr>
<tr>
<td>7.</td>
<td>PbCl$_2$ powder</td>
<td>250 g (98%)</td>
</tr>
<tr>
<td>8.</td>
<td>Titanium diisopropoxide</td>
<td>100ml</td>
</tr>
<tr>
<td>9.</td>
<td>1 butanol</td>
<td>100ml</td>
</tr>
<tr>
<td>10.</td>
<td>Pbl$_2$ solution</td>
<td>10ml</td>
</tr>
</tbody>
</table>

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[Signature]

Professor & Head

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Department of Optoelectronics
University of Kerala, Kariavattom
Thiruvananthapuram - 695581