NAF/ DST-SERB-ECRA Project/ HPLC system/Quotation/2019, Dt. 16.02.2019

Sub: NAF- DST-SERB- ECRA Project- Quotation for HPLC system -Reg.

Kindly furnish the quotation with lowest rate for one number of HPLC system as per the specifications given below

**Specifications of HPLC system**

<table>
<thead>
<tr>
<th>Component</th>
<th>Specifications</th>
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<tbody>
<tr>
<td>Quaternary gradient</td>
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<tr>
<td>Analytical pump</td>
<td>• Flow rate range: 10µl/min to 10 ml/min</td>
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<td></td>
<td>• Flow Rate accuracy: 0.1% at 1 ml/min or ±1% or ±2µl/min of set value</td>
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<td>• Flow rate precision: &lt;0.05% RSD</td>
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<td>• Pressure range 8500 psi and above</td>
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<td></td>
<td>• Online degassing unit</td>
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<td>Diode array detector</td>
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<td>• Wavelength range: 190-800 nm</td>
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<td></td>
<td>• Wavelength accuracy should be ±1nm</td>
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<td></td>
<td>• Noise level must be equal or smaller than 0.3x10^{-5} µAU</td>
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<td></td>
<td>• Light source: Tungsten and deuterium lamp</td>
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<td>Column oven</td>
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<td>• The temperature setting range: 15°C to 80°C with an accuracy of ±1°C</td>
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<tr>
<td>Column</td>
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<td></td>
<td>• Two set of C18 Analytical Column &lt;5µm, 4.6x250 mm, C18, Guard column, 4.3 mm 5 µm</td>
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<td>Auto sampler</td>
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<td>• Sample capacity – At least 100 vials</td>
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<td>• Sample injection volume – 0.1 µl to 100µl</td>
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<td></td>
<td>• Injection volume accuracy and precision should be less than 1.0%</td>
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<td>Data management system</td>
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<td>• Suitable PC with latest configuration</td>
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<td>• Chromatography software – 32/64 bit windows based software</td>
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<td></td>
<td>• Chromatography software with 3D analysis functions which comply with good laboratory practice (GLP) and Regulatory conformity</td>
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<td>Maintenance</td>
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<td></td>
<td>• Must offer comprehensive warranty for 3 years</td>
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<td>• AMC for three years after warranty</td>
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<td>• Onsite training for operation and application aspects of the instruments</td>
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</tbody>
</table>

Note:
1. All applicable taxes and other charges should be included along with the quoted price
2. Delivery should be made to NAF R&D Centre, Taramani, Chennai -113
3. Quotation should be addressed to “The Executive Director, National Agro Foundation, Anna University Taramani Campus, CSIR Road, Taramani- 600 113” and may be sent with the sealed cover super scribed as “Quotations for HPLC-NAF-DST-SERB ECRA Project” on/or before 28.02.2019.

Contact Details
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