

**Invitation of quotation**  
**for**  
**Supply of Spectrophotometer & Vortex Shaker**  
**At**  
**All India Institute of Medical Sciences, Jodhpur**

Inquiry No.: : Admin/Gen/09-06(iv)/2021-AIIMS.JDH

Inquiry Issue Date : 11<sup>th</sup> November, 2021

Last Date of Submission : 17<sup>th</sup> December, 2021 at 03:00 PM.



**All India Institute of Medical Sciences, Jodhpur**

Basni Phase - II, Jodhpur – 342005, Rajasthan

Telefax: 0291- 2740741, email: [procurement@aiimsjodhpur.edu.in](mailto:procurement@aiimsjodhpur.edu.in)

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**Invitation of quotation for Supply of Spectrophotometer & Vortex Shaker at AIIMS Jodhpur**

Sealed Quotations are hereby invited by the undersigned on behalf of the Director, AIIMS Jodhpur for Supply of Spectrophotometer & Vortex Shaker for the Institute as per terms & conditions mentioned below. The filled quotations along with all the required document must reach in the office of the undersigned on or before 17.12.2021 03:00 PM. The Envelope containing the quotation would please be sealed and super scribed as under:-

**“QUOTATION FOR SUPPLY OF SPECTROPHOTOMETER & VORTEX SHAKER AGAINST INQUIRY NO. ADMN/GEN/09-06(iv)/2021-AIIMS.JDH” DUE ON 17.12.2021 03:00 PM”**

**1. Terms & Conditions:**

- A) The quotations received after this deadline & unsealed shall not be entertained under any circumstances whatsoever. In case of postal delay this Institute will not be responsible. **The offer Submitted Fax/Email shall not be considered and no correspondence will be entertained in this matter.**
- B) Quotations must be in the enclosed prescribed Performa on the letter head of the firm duly signed by the Proprietor/ Partner/ Director or their authorized representative, In case of signing of quotation by the authorized representative letter of authorization must be attached with the quotation. Quotation must be dropped in “**Quotation Box**” located in Administration Block of AIIMS, Jodhpur.
- C) Rates must be quoted in **Indian rupees** and as per the format specified taxes extra if any must be written separately.
- D) Rates must be quoted FOR basis (including Freight charges, Insurance, installation etc.)
- E) No overwriting or cutting is permitted in the rate. If found, the quotation shall be summarily rejected.
- F) The rates quoted must be valid for 60 days minimum from the date of opening of the quotation and silence of any tendered on this issue shall be treated as agreed with this condition.
- G) Becoming L1 will not be the criteria for awarding of purchase order unless the rates are reasonable & justified.
- H) RTGS/NEFT details need to be furnished by the supplier with the quotation on the letter head of supplier/firm/agency.
- I) The firm/agency may satisfy the following conditions and attach self-attested copy of the same with the quotation:
- Firm shall be registered with the Government of Rajasthan / Central Government.
  - The firm shall have valid GST No.
  - **The firm should not be black listed by any Govt. Agency/Dept.**
- J) Quotations qualified by such vague and indefinite expressions such as “subject to prior

**INQUIRY NO. Admin/Gen/09-06(iv)/2021-AIIMS.JDH**

confirmation”, “subject to immediate acceptance” etc. will be treated as vague offers and rejected accordingly. Any conditional quotation shall be rejected summarily.

- K) **Delivery Period** – within 30 days from Purchase order.
- L) **Liquidated Damage:** - If the supplier fails to deliver the material on or before the stipulated date, then a penalty at the rate of 0.5 % per week of the total order value shall be levied subject to maximum of 10% of the total order value.
- M) **Payment Terms:** Payment will be only after satisfactorily delivery / commissioning of material and after inspection by the AIIMS Jodhpur.
- N) **Disputes:** -In the event of any dispute or disagreement arising between the contractors and any other department of AIIMS Jodhpur with regards to the interpretation of “Terms & Conditions” of this inquiry, the same shall be referred to the Director, AIIMS Jodhpur whose decision will be final and binding upon the contractor.
- O) AIIMS, Jodhpur reserves the right to increase or decrease quantity and / or amount of work. Decision of Quantity of material in the AIIMS, Jodhpur will be final in this regard.
- P) AIIMS, Jodhpur reserves the right to reject any quotation or part or the whole of inviting quotation process without assigning any reason. Decision of the AIIMS, Jodhpur will be final in this regard.

**2. Special Terms & Conditions:**

- A) **Bidder must quote the product as per specification provided in Annexure 1.**
- B) **Catalog must be attached with quotation for technical evaluation.**
- C) **The supplier may be asked to arranging demonstration of their equipment for which rates have been quoted, to the AIIMS Jodhpur, if required. The expenditure incurred for demonstrating the items will be borne by the supplier.**

**Deputy Director (Administration)**

Encl.: Annexure 1 (Specification)  
Annexure 2 (Format of price bid)

**Annexure 1**

S. No.	Particular	Specification	Qty																																																														
1.	Spectrophotometer	<table border="1"> <thead> <tr> <th>S. No.</th> <th>Technical Specification</th> </tr> </thead> <tbody> <tr> <td>1.</td> <td>Wavelength Range 198 to 800nm</td> </tr> <tr> <td>2.</td> <td>Wavelength Accuracy ± 2nm</td> </tr> <tr> <td>3.</td> <td>Wavelength Repeatability ± 2nm</td> </tr> <tr> <td>4.</td> <td>Spectral Bandwidth 5nm</td> </tr> <tr> <td>5.</td> <td>Absorbance Range - 0.300 to 2.500A</td> </tr> <tr> <td>6.</td> <td>Absorbance Accuracy ± 0.01A at 1.0A and 546nm</td> </tr> <tr> <td>7.</td> <td>Absorbance Stability (A) ± 0.005A/h at 0.04A and 546nm</td> </tr> <tr> <td>8.</td> <td>Noise ± 0.002A at 0.1A and ± 0.02A at 2.0A and 546nm</td> </tr> <tr> <td>9.</td> <td>Stray Light at 340nm, %T &lt; 1%T according to ANSI/ASTM E387- 72</td> </tr> <tr> <td>10.</td> <td>Concentration Range ± 2500</td> </tr> <tr> <td>11.</td> <td>Concentration Calibration Blank with a single standard or factor</td> </tr> <tr> <td>12.</td> <td>Concentration Factor ± 1000</td> </tr> <tr> <td>13.</td> <td>Concentration Standard ± 1000</td> </tr> <tr> <td>14.</td> <td>Optical Density Factor ± 1000</td> </tr> <tr> <td>15.</td> <td>Quantitation Range ± 2500</td> </tr> <tr> <td>16.</td> <td>Quantitation Calibration Blank with up to 6 standards</td> </tr> <tr> <td>17.</td> <td>Curve Fit Algorithms Linear and linear through zero</td> </tr> <tr> <td>18.</td> <td>Kinetics Measurement Time 7 to 9999 seconds</td> </tr> <tr> <td>19.</td> <td>Kinetics Number of wavelengths 3</td> </tr> <tr> <td>20.</td> <td>Kinetics Calibration Blank with a factor</td> </tr> <tr> <td>21.</td> <td>Kinetics Display Graphical, rate of change and concentration</td> </tr> <tr> <td>22.</td> <td>Kinetics Analysis Concentration</td> </tr> <tr> <td>23.</td> <td>Spectrum Range 198 to 800nm</td> </tr> <tr> <td>24.</td> <td>Spectrum Analysis Absorbance or % transmittance and up to 50 spectral analysis points</td> </tr> <tr> <td>25.</td> <td>Beam Height 15mm</td> </tr> <tr> <td>26.</td> <td>Light Source Xenon lamp</td> </tr> <tr> <td>27.</td> <td>Removable Media USB</td> </tr> <tr> <td>28.</td> <td>Outputs USB x 2</td> </tr> <tr> <td>29.</td> <td>Supply voltage/frequency 100 - 240VAC at 50 to 60Hz</td> </tr> <tr> <td>30.</td> <td>Power Supply 12V DC, 3.8A</td> </tr> </tbody> </table>	S. No.	Technical Specification	1.	Wavelength Range 198 to 800nm	2.	Wavelength Accuracy ± 2nm	3.	Wavelength Repeatability ± 2nm	4.	Spectral Bandwidth 5nm	5.	Absorbance Range - 0.300 to 2.500A	6.	Absorbance Accuracy ± 0.01A at 1.0A and 546nm	7.	Absorbance Stability (A) ± 0.005A/h at 0.04A and 546nm	8.	Noise ± 0.002A at 0.1A and ± 0.02A at 2.0A and 546nm	9.	Stray Light at 340nm, %T < 1%T according to ANSI/ASTM E387- 72	10.	Concentration Range ± 2500	11.	Concentration Calibration Blank with a single standard or factor	12.	Concentration Factor ± 1000	13.	Concentration Standard ± 1000	14.	Optical Density Factor ± 1000	15.	Quantitation Range ± 2500	16.	Quantitation Calibration Blank with up to 6 standards	17.	Curve Fit Algorithms Linear and linear through zero	18.	Kinetics Measurement Time 7 to 9999 seconds	19.	Kinetics Number of wavelengths 3	20.	Kinetics Calibration Blank with a factor	21.	Kinetics Display Graphical, rate of change and concentration	22.	Kinetics Analysis Concentration	23.	Spectrum Range 198 to 800nm	24.	Spectrum Analysis Absorbance or % transmittance and up to 50 spectral analysis points	25.	Beam Height 15mm	26.	Light Source Xenon lamp	27.	Removable Media USB	28.	Outputs USB x 2	29.	Supply voltage/frequency 100 - 240VAC at 50 to 60Hz	30.	Power Supply 12V DC, 3.8A	01 Nos
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2.	Vortex Shaker	<ol style="list-style-type: none"> <li>Should have choice of both touch or continuous modes of operation.</li> <li>Should be capable of gentle mixing to vigorous resuspension of cells and liquid components in tubes using eccentric mechanism and oil less ball bearings.</li> <li>Should have a wide speed range of 0-3000 RPM.</li> <li>Should have an Analog type speed display.</li> <li>Ambient temperature for functioning should be between 5-40 degrees Celsius.</li> <li>Should function between 220-240 AC Voltage with a frequency of about 60 Hz.</li> <li>Should be built from sturdy cast casing and be light weight.</li> <li>Should have one hand insert, micro-tube insert and cup attachment.</li> <li>Should have heavy metal base and rubber feet to damp movement and vibration of the shaker during use.</li> </ol> <p>NOTE: To be provided with one spare for both micro-tube insert and one hand insert.</p>	02 Nos																																																														

**Note: -**

- ❖ **Catalog/ Brochure must be attached for Technical Evaluation.**
- ❖ The supplier may be asked to arranging demonstration of their equipment for which rates have been quoted, to the AIIMS Jodhpur, if required. The expenditure incurred for demonstrating the items will be borne by the supplier.

**[On the letterhead of firm]**

**ANNEXURE "2"**  
**PRICE BIDFORM**

To,

Deputy Director (Administration),  
AIIMS, Jodhpur.

Dear Sir,

1. I/We ..... Submitted the quotation for Enquiry No. "QUOTATION FOR SUPPLY OF SPECTROPHOTOMETER & VORTEX SHAKER AT AIIMS AGAINST THE INQUIRY NO. Admn/Gen/09-06(iv)/2021-AIIMS.JDH" DUE ON 17.12.2021 03:00 PM for Supply of Spectrophotometer & Vortex Shaker at AIIMS Jodhpur".
2. I/We thoroughly examined, understood and accepted terms & conditions given in the enquiry document, failing which my quotation will be rejected out rightly.
3. I/We hereby offer to supply at the following rates.

S. No	Particular	Qty.	Quoted Make	Price/Unit Exclusive of GST (INR)	GST/Other Taxes	Price/ Unit Inclusive of GST (INR)	Total Cost Inclusive of GST (INR)	MRP
1.	Spectrophotometer <b>Specification:-</b> As per annexure – 1	01 Nos.						
2.	Vortex Shaker <b>Specification:-</b> As per annexure – 1	02 Nos.						

**Note:-**

1. The Bidder must quote only single Make & Model.
2. The bidder must quoted their quotation only in above said format on the letter of firm otherwise quotation will be **REJECTED**.
3. Catalog must be attached with quotation for technical evaluation.
4. The supplier may be asked to arranging demonstration of their equipment for which rates have been quoted, to the AIIMS Jodhpur, if required. The expenditure incurred for demonstrating the items will be borne by the supplier.

Date \_\_\_\_\_

(Name) \_\_\_\_\_

Place \_\_\_\_\_

Name of Firm/Company/Agency \_\_\_\_\_

GSTIN No.: \_\_\_\_\_

Bank Name:- \_\_\_\_\_

Bank Account No.: \_\_\_\_\_

IFSC Code:- \_\_\_\_\_

Branch Name: \_\_\_\_\_

Phone No. \_\_\_\_\_

Email: \_\_\_\_\_

(Signature of Authorized Person) \_\_\_\_\_

Seal: \_\_\_\_\_