

**Request for Quote (RFQ) from domestic (India-based) manufacturers,
Indian original equipment manufacturer or its authorized Indian distributor
for procurement of photoreactor for batch and flow reactions with
multiple wavelengths**

Summary

Tender number: OC/DPH/2021/Photoreactor
Tender date: 18th August 2021
Item description: Photoreactor for batch and flow reactions with multiple wavelengths
Tender type: Two bid system:
Technical Bid (Part A)
Commercial Bid (Part B)
Place of tender submission: Office of the Chairman
Department of Organic Chemistry
Indian Institute of Science
Bangalore 560012
Last date & time for
Submission of tender: 1st September 2021, 5:00 PM

Dear Sir/Madam,

This is a Request for Quote (RFQ) from domestic (India-based) manufacturers, Indian OEM, or its authorized Indian distributor only for procurement of photoreactor for batch and flow reactions with multiple wavelengths at the Department of Organic Chemistry (OC), Indian Institute of Science, Bangalore.

All interested vendors shall submit a response demonstrating their capabilities to produce the requested equipment to the primary point of contact listed below.

With respect to this tender, the rules laid out by the Government of India in order No. P45021/2/2017-pp-BE-II issued by the Public Procurement Section, Department or Promotion of Industry and Internal Trade, Ministry of Commerce, and Industry, dated 4th June 2020, will be followed. As per this order, the government has defined a 'Class-I local supplier' as "a supplier or service provider whose goods, services or work offered for procurement, has local content equal to or more than 50%". A 'Class-II local supplier' is "a supplier or service provider, whose goods, services or works offered for procurement, has local content more than 20% but less than 50%". Only Class-I and Class-II local suppliers are eligible to participate in this open domestic tender. Any "Non-local supplier," i.e., "a supplier or service provider, whose goods, services or works offered for procurement, has local content less than 20%" is ineligible to participate in this tender.

The deadline for submission of proposals is 1st of September 2021 by 5:00 PM. Proposals should arrive at:

Office of the Chairman
Department of Organic Chemistry
Indian Institute of Science
Bangalore 560012
India

Direct all questions concerning the acquisition to Dr. Durga Prasada Rao Hari by email only at: dphari@iisc.ac.in

General Terms and Conditions:

1. Quote should come only from domestic (India-based) manufacturers, Indian original equipment manufacturer (OEM), or their authorized Indian distributor.
2. The bid should be submitted in the two-cover system, i.e., technical and commercial bids separately in sealed envelopes. The technical bid should contain all commercial terms and conditions, except the price.
3. The technical bid must contain a point-by-point technical compliance document. The technical proposal should include a compliance table that should explain your compliance in a "yes" or "no" response against each item in this RFQ. If the answer is "no," the second column should state the extent of the deviation. The third column should state the reason for the deviation if any. The fourth column can be used to compare your tool with that of your competitors or provide details as requested in the technical requirement below.
4. In the commercial bid, the price (in INR) should include delivery, installation, commissioning, and training at customer's location.
5. Provide certificates for the country origin of manufacturing for each line item. The price of every line item in the commercial bid should be quoted along with the total quoted price for the instrument to be operational (installed and ready to use) in our facility.
6. The covering letter should clearly state whether the vendor is a Class-I or Class-II local supplier. Failing this, the bid will be automatically rejected.

7. The vendor should state the percentage of the local content and provide self-certification that the item offered meets the minimum local content requirement. They should also give details of the location(s) at which the local value addition is made.
8. The lead time for the delivery of the equipment should not be more than four months from the date of receipt of our purchase order. It should be clearly mentioned in the technical and commercial bids.
9. All the quotations must be valid for at least 60 days at the time of submission.
10. The vendor must not be blocked/banned/suspended or have a record of any service-related dispute with any organization in India or elsewhere. A declaration to this effect should be provided.
11. Items in addition to that listed in the technical section that you would like to bring to our attention, such as datasheets, technical plots, etc., can be listed at the end of the compliance section.
12. Vendors are encouraged to highlight the advantage of their tools over comparable tools from the competitors.
13. If needed, a meeting for any technical clarifications can be scheduled with the undersigned by sending an email.
14. The Institute reserves the right to accept or reject any bid or to annul the bidding process and reject all bids at any time before the award of contract without thereby incurring any liability of the affected bidder or bidders.
15. After the purchase order award, the vendor must provide an order acknowledgement within 30 days from the receipt of the Purchase Order.
16. Please quote the price of each optional line item separately. The quotations should be on for-IISc Bangalore basis in INR only.
17. If the goods are found to be defective, they have to be replaced or rectified at the cost of the supplier within 30 days from the date of receipt of written communication from us.

Service, Training, and Warranty:

1. The vendor must have local dedicated Sales & Service team in Karnataka.
2. The vendor must demonstrate that it has a proven appropriate set-up and capability to provide after-sales service efficiently and effectively.
3. On-site installation, commissioning, and training shall be conducted by a qualified factory-trained engineer.
4. Support should be available from Monday to Friday, 8.30 am to 5.30 pm (excluding Public Holidays), local time.
5. A declaration of Conformity certificate and System Validation certificate must be provided.
6. Warranty terms and additional warranty options are must for all the components. Please specify the service plan, like whether the local distributor will address the issue or the parent company. Minimum one year of complete system warranty should be given. If the system requires service during the warranty period, the vendor must guarantee or replace of instrument for free.
7. Terms and conditions for the annual maintenance contract beyond the warranty period should be mentioned.
8. If there is any delay in replacement or rectification, the warranty period should be correspondingly extended.

Technical requirements: Please note that the requirements listed below are only guidelines. Vendors are requested to quote for equipment that meets the criteria to the best extent

possible and list deviations, if any. Deviations are NOT an automatic reason for disqualification. A technical group will discuss them before making an informed decision.

Technical Specifications:

The photoreactor will be used for carrying out batch and continuous flow photochemical reactions.

- It should be a multiwavelength photochemical reactor.
- Required wavelengths: UVA to Red (365-625 nm) and white.
- It should have both batch and flow reactors.
- The batch reactor should have a holder for different sizes of glass vials.
- The vendor should supply different sizes of glass vials with caps.
- Loop volume for flow reactor should be between 5 mL to 15 mL.
- The vendor should supply a minimum of two different loop volumes.
- The temperature range should be from 20 °C to 80 °C.
- LED input power should be around 128 W.
- It should have built-in safety features to prevent the user from exposure to high-intensity light.
- It should have a built-in magnetic stirrer.
- It should have defined parameters, including wavelength, light intensity, and speed of stirring.

Other requirements:

- The payment terms should be specified in the commercial proposal, which should be consistent with IISc's domestic purchase policies.
- Please provide details of the number of trained personnel in India.
- Please include other options currently available which can be added in the future.
- The vendor should attach product brochures along with the technical bid.

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