



To Whom It May Concern

A Request For Quote (RFQ) from **Indian Original Equipment Manufacturer (OEM) or their Indian authorized distributor** for the supply of a *Caenorhabditis elegans* tracking system that also enables *C. elegans* optogenetics as part of a limited tender for the Center for Neuroscience (CNS) in IISc.

With respect to this tender, the rules laid out by the Government of India in order No. P-45021/2/2017-99-BE-II issued by the Public Procurement Section, Department of Promotion of Industry and Internal Trade, Ministry of Commerce and Industry, dated 16th September 2020 will be followed. The bidders must go through the Government of India order stated above and follow all the rules and regulations therein.

Relevant definitions as per Government of India order:

- **Class-I local supplier** - A supplier or service provider, whose goods, services or works offered for procurement, has local content equal to or more than 50%.
- **Class-II local supplier** - A supplier or service provider, whose goods, services or works offered for procurement, has local content more than 20% but less than 50%.
- **Local content** - The amount of value added in India which shall, unless otherwise prescribed by the Nodal Ministry, be the total value of the item procured (excluding net domestic indirect taxes) minus the value of imported content in the item (including all custom duties) as a proportion of the total value, in percent.

Procedure:

1. Please submit the proposal by email to the address specified at the end of this tender. Please write "Tender for worm tracking system" as the email subject.
2. The quotation should be addressed to The Chairman, Centre for Neuroscience, Indian Institute of Science, Bangalore. The deadline for submission of proposals is **Thursday, 30th of September 2021, by 5 pm**.
3. The quotations should be on FOR-IISc Bangalore basis in INR only. Please quote the price of each optional line item, separately.
4. The covering letter should clearly state that whether the vendor is a Class-I or Class-II local supplier distinguished by their "local content". Failing this the bid will be automatically rejected.
5. The vendor to 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.
6. Separate detailed justification needs to be given to substantiate the qualification as Class 1 and Class 2 suppliers and the intender reserves the right to cross-check the factual validity of the same and one if some foreign parts or equipment is being put forward then please submit the "bill of material" details for the same for evaluation.



7. The lead-time for the delivery of the equipment should not be more than 3 months from the date of receipt of our purchase order.
8. The technical proposal should contain a compliance table beside the technical specifications listed in the description section below.
9. 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 the 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.

Technical Requirements:

	Description	Specifications
1.	Worm imaging tracking and analysis system	Capability to do imaging, tracking, and analysis of <i>C. elegans</i> from regular 60 mm diameter NGM plates. Should have a user-friendly software interface with accurate tracking algorithms that collects data about a single or multiple worms even through entanglements. The data should include reversals, body bends and omega turns. Should support tracking of crawling and swimming <i>C. elegans</i> from whole plates for several hours.
2.	Video Acquisition System	The video acquisition system capture high-quality, whole plate videos - with at least a Monochrome, 12 bit, 5MP camera (2592x1944) and at least with 14 frames per minute at full resolution.
3.	Macro Lens Kit	60mm Macro Lens Kit - Integrated Macro Illuminator using LED illumination
4.	Image capture software	Video Image capture software to be provided. A One-year complete software upgrade and remote support to be provided.
5.	Components for optogenetics stimulus delivery	The system should include attachment for Optogenetic Assays with Stimulus Delivery software module and LEDs for Optogenetic Stimulation including high output 470 nm, 450 mW LED and high output 617nm, 450 mW LED with a collimating lens, Interface cables to be provided.
6.	Additional Components	The worm tracking system should be in a fully enclosed environment for improved control of experimental conditions.



Commercial Terms and Conditions:

1.	Customer Base	Item must have been supplied to renowned laboratories/ research institutes/ universities and been used in publications. Details of use have to be given.
2.	Price & Tax component	The base price and the tax component should be mentioned specifically.
3.	Warranty	The warranty terms have to be mentioned specifically
4.	Payment Terms	Payment terms should be after supply.
5.	Support	Online or in-person support for the system and software must be available upon installation for a period of at least 1 year
6.	General Terms & Conditions	<ol style="list-style-type: none">1. The vendor should attach MSE certificate or mention as “class1 supplier or class2 supplier”.2. The decision of the purchase committee will be final. The Institute reserves the right to accept or reject any bid, or to annul the bidding process and reject all bids, at any time prior to the award of contract without thereby incurring any liability of the affected bidder or bidders.3. The quotations should clearly indicate the terms of delivery, delivery schedule, tax, and payment terms.4. After the award of purchase order, the vendor must provide an Order Acknowledgement within 30 days from the receipt of the Purchase Order.5. 100% payments will be released after the completion of delivery and satisfactory installation subject to TDS as per rules. As per GFR no advance payment can be made to domestic vendors, unless an equal amount of bank guarantee is provided.

Sincerely,

Kavita Babu

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Domestic tender for worm tracking system_Kavita Babu

Final Audit Report

2021-09-16

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