

# ICAR - CENTRAL INSTITUTE OF FISHERIES EDUCATION

*(Deemed University), Indian Council of Agricultural Research*  
Panch Marg, Off Yari Road, Versova, Mumbai-400061

Tel. No. 022-26361446/7/8

Fax No. 022-26361573

Web Site: [www.cife.edu.in](http://www.cife.edu.in)



## BIDDING DOCUMENT



**Notice Inviting Bids for Manufacturing and Marketing of  
PCR-based Genotyping Kit for Catfish Species Identification**

**F. No. CIFE/NIB/01/2025 dated 11.09.2025**

**Notice Inviting Bids**

**for**

**Manufacturing and Marketing of PCR-based Genotyping Kit  
for Catfish Species Identification**

**By**

**ICAR-CIFE, Mumbai**

**ICAR - CENTRAL INSTITUTE OF FISHERIES EDUCATION  
(Deemed University), Indian Council of Agricultural Research  
Off Panch Marg, Versova, Andheri (West), Mumbai-400061**

## Letter of Invitation

### 1. Invitation for Bids

ICAR-Central Institute of Fisheries Education (ICAR-CIFE) invites bids from the eligible manufacturers for undertaking ‘**Manufacturing and Marketing of PCR-based Genotyping Kit for Catfish Species Identification**’ - 500 Kits, with one kit accommodating 25 reactions.

### Schedule

NIB Document No	<b>CIFE/NIB/01/2025-Genotyping Kit dated 11.09.2025</b>
Date of Publication	<b>11.09.2025</b>
Last Date of Submission	<b>01.10.2025</b>

Interested parties are invited to send their quotations in sealed envelopes marked -

**BID: CIFE/NIB/01/2025-Genotyping Kit dated 11.09.2025**

To  
DIRECTOR  
ICAR-Central Institute of Fisheries Education  
Off Panch Marg, Near Yari Road  
Versova, Mumbai – 400 061

ICAR-CIFE reserves the right to cancel this NIB and/ or invite afresh with or without amendments, without liability or obligation for such NIB and without assigning any reason. ICAR-CIFE reserves the right to amend/add any further details in the NIB as may be desired by the Competent Authority and duly notified on its website.

### 2. Background

The Indian catfish *Clarias magur* (magur; desi magur) is a high priced, popular fish in India due to its excellent taste, minimal intramuscular bones, and therapeutic properties. One of the reasons for it entering IUCN’s ‘Endangered’ list is the fast growing exotic African catfish *Clarias gariepinus* (gariepinus) that was illegally introduced in India. Although gariepinus is now banned in India, similar appearance up to 100 – 150 g size makes it difficult for the consumer and regulatory bodies to distinguish among magur, gariepinus and their hybrid. Due to this gariepinus and magur-gariepinus hybrids are being sold at a high price as ‘magur’, and aquaculture of magur is also affected due to misidentification.

ICAR-CIFE has developed a PCR-based technology that can identify whether a fish is magur, gariepinus or their hybrid in a single reaction using genomic DNA isolated from fin clips (or other tissues) as the template. ICAR-CIFE, Mumbai holds the exclusive rights to this intellectual property for which a patent has been published.

### 3. Objective

To produce and market 500 PCR-based genotyping kits for identification of the catfish species *Magur, Gariepinus* and their hybrid to testing laboratories, researchers, and other stakeholders in partnership with ICAR-CIFE.

### 4. Scope of Work

- i. ICAR-CIFE shall provide manufacturing details to eligible manufacturers to undertake the manufacturing and marketing of PCR-based Genotyping Kit for Identification of Catfish Species.
- ii. The company would be granted the right to undertake the manufacturing and marketing of the Product on signing a non-disclosure agreement for **one-year** contract period initially.
- iii. The company will produce minimum 500 numbers of this kit comprising 25 reactions of 25 µl each. Each kit shall comprise of the following items

1. M449 F & R primers (100 pmols/ µl) : 5 µl
2. G319 F & R primers (100 pmols/ µl) : 5 µl
3. dNTP Mix (10 mM each) : 20 µl
4. *Taq* Polymerase (1.25 U/ µl) : 30 µl
5. *Taq* Polymerase Buffer (10×) : 75 µl
6. *C. magur* Control DNA (100 ng/µl) : 5 µl
7. *C. gariepinus* Control DNA (100 ng/µl) : 5 µl
8. Nuclease-free water (NFW) : 1 ml
9. Brief instructions for use
10. Appropriate design and packaging for the above components

- iv. The company shall store the Product and market it in partnership with ICAR-CIFE.

### 5. Role of ICAR-CIFE

- i. ICAR-CIFE will provide expert guidance & technical support for the production of the Genotyping Kit
- ii. ICAR-CIFE shall perform the QC tests on the reagents produced and also provide the reagents and knowhow of performing the QC test to the company for random testing.
- iii. ICAR-CIFE shall pay the mutually agreed cost of the kits
- iv. ICAR-CIFE shall share a mutually agreed percentage of the profit margin with the company inclusive of the cost of marketing of the product borne by the company. Hence, the company is to quote the percentage share of profit margin acceptable to it (Please see 6.vi).
- v. ICAR-CIFE shall provide the details for labelling for these kits

## 6. Role of Company

- i. The Company shall have the wherewithal to manufacture the kits demonstrated through their product list and the facility to store and supply the manufactured kits to customers.
- ii. The company shall be able to provide manufacturing records of the kits to ICAR-CIFE
- iii. The company shall be able to provide the QC records of any random kits tested
- iv. The company shall be able to ship the kits to the destination provided by the ICAR-CIFE in cold conditions (2-8°C) along with the data logger.
- v. The company shall develop the artwork requirements for labelling these kits
- vi. The company shall quote the cost of production of 500 kits and also quote the expected percentage of the profit margin (inclusive of the cost of storing and marketing of the product by the company).
- vii. The company shall deposit 5% of the amount as security deposit in the form of a Bank Guarantee once the Agreement is signed and the Work Order is placed for a duration of the contract period.
- viii. EMD amount as applicable should be deposited by all firms, except those exempted by Government of India.

## 7. Intellectual Property Rights

ICAR-CIFE is the sole owner of said Technology, including any underlying Intellectual Property(ies) and commercialization rights. The company shall not use the given technology for any commercial manufacturing or share it with any other party for any other purpose. The company shall sign also a non-disclosure agreement for this technology.

## 8. Process involved

- a) Interested manufacturers are invited to submit their bids for manufacturing and marketing of this kit.
- b) Qualified manufacturer quoting the lowest cost will only be contacted for the execution of MoA/MoU/NDA for the manufacturing and marketing of this kit.

## 9. Details of documents to be furnished

Proponents are requested to go through all pre-qualification requirements, scope of work for execution & requirements with respect to technical capabilities for submission of bids, subject to verification by ICAR-CIFE.

### Documents to be furnished are as follows:

- i. Declaration – Bid Document (Format – 1)
- ii. Authorization Letter, if applicable (Format – 2)
- iii. The Bid document with each page duly stamped and signed by the authorized signatory.
- iv. Supporting documents, as mentioned in Format-1
- v. MSME Certificate (if applicable)
- vi. Brief production plan
- vii. The **Earnest Money Deposit (EMD)** amounting to **Rs.15,000/- (Rupees Fifteen thousand only)** is applicable in the form of Demand Draft drawn in favour of **“ICAR UNIT – CIFE” payable at Mumbai**. The Demand Draft is to be submitted physically

before tender closing time at CIFE, Mumbai through post or hand delivery. MSME registered vendors who have a valid Udyog Aadhar Certificate may claim EMD exemption. Upon receipt of supply/ Work Order the successful bidder will have to submit **5% of ordered value (exclusive taxes) as Performance Guarantee / Security Deposit** in the form of DD/ FDR / Bank Guarantee etc. issued from nationalized bank.

- viii. Any other information that proponents may wish to provide to support the Bid. ICAR-CIFE reserves the right to call for any clarifications confined to the broad scope wherever such clarification becomes necessary for proper judgment in evaluation.

## **10. Rejection Criteria**

The application is liable to be rejected if:

- i. The proposal has not been submitted per the requirements indicated in the NIB.
- ii. Not in the prescribed format.
- iii. Not properly stamped and signed.
- iv. Received after the expiry of the due date and time.
- v. All relevant supporting documents are not furnished with the Pre-Qualification Criteria (PQC).
- vi. The proposal shall be substantially responsive without any material deviation, failing which the proposal shall be summarily rejected.
- vii. Applications not fulfilling the terms of the document will be summarily rejected.
- viii. Any other non-compliance.

## **11. Evaluation Methodology**

Screening of Bids shall be carried out as per Pre-Qualification criteria mentioned in the NIB document and based on verification of documents submitted. Qualified manufacturer quoting the lowest cost will only be contacted for the execution of MoA/MoU/Non-disclosure Agreement for the test manufacturing of this kit.

## **12. Arbitration**

Any dispute and/ or part of the dispute that couldn't be resolved through mutual consultation shall be referred to the sole arbitrator per the Arbitration & Conciliation Act, 1996, and any amendment thereafter. The Venue and Seat of the arbitration proceedings shall be Mumbai, and the courts in Mumbai will have exclusive jurisdiction.

## **13. Contacts**

In case of any clarification, please contact:

### **Scientific queries**

Dr. Aparna Chaudhari, Principal Scientist, ICAR-CIFE, Mumbai 61 (+91-9821687228)

### **Administrative queries**

Ms. Poonam Behl, Senior Administrative Officer, ICAR-CIFE, Mumbai -61, Tel: (022-26361446/7/8, Ext:535)

Ms. Sanyuja Parab, A.A.O (Purchase), ICAR-CIFE, Mumbai - 61 Tel: (022-26361446/7/8, Ext: 550)

#### 14. Pre-Qualification Criteria (PQC)

The following will be the minimum Pre-Qualification Criteria (PQC). Responses not meeting the minimum PQC will be summarily rejected and will not be evaluated further:

Sl. No.	Pre-Qualification Criteria (General)	Supporting copy of documents required (All documents must be self-attested by the authorized person of the proponent)
<b>General Criteria</b>		
1	The proponent shall be a legal entity registered as an Institution/Company/LLP/ Society/ partnership firm/ proprietorship firm under respective acts in India.	Registration of firm/ organization/Company Incorporation Certificate from Registrar of Companies (ROC) /Partnership deed, etc., whichever is applicable
2	The proponent must be registered in India with taxation and other administrative authorities.	GST Registration or GST exemption certificate/ PAN Card
3	The proponent should have a manufacturing unit in India as demonstrable with their product list.	Registration copies/ factory license/ DSIR certificate, if any.
4	The cost of production and marketing of the kits	Submit the bid document to the destination as detailed above

**Note-** for MSMEs and Start-ups, Start-Up-India, Make-in-India, and other relevant guidelines of the Government of India shall be applicable.

#### 15. Disclaimer

- i. ICAR-CIFE shall not be responsible for any late receipt of applications for any reason whatsoever.
- ii. ICAR-CIFE reserves the right to cancel the call for Bids without assigning any reasons.
- iii. ICAR-CIFE may relax or waive any of the conditions stipulated in this document as deemed necessary in the best interest of the ICAR-CIFE without assigning any reasons.

**Format-1**

**BID DOCUMENT**

(To be submitted on Company's Letter Head)

To,

**The Director**

ICAR-Central Institute of Fisheries Education  
Off Panch Marg, Near Yari Road  
Versova, Mumbai – 400 061

**Subject:** Submission of Bid for Manufacturing and Marketing of PCR-based genotyping kits for identification of catfish species for one year contract period from the date of receiving the payment from CIFE.

**Ref:** CIFE/NIB/..... /2025 dated .....

Sir,

Having read and examined all the Notice Inviting Bid document in detail, the undersigned hereby express an interest in undertaking the manufacture and marketing of the product as mentioned in the Bid document. The details of the Company and contact person are given below:

Name of the Proponent	
Address	
Name, designation & address of the person (to whom all communications shall be made)	
Telephone No. (with STD code)	
Mobile No. of the contact person	
Email ID of the contact person	

The following documents are enclosed:

Sl. No.	Documents required	Type of document attached	Page No
1	Company Incorporation Certificate from ROC/Partnership deed etc.		
2	GST Registration or GST exemption certificate/ PAN Card		
3	Proof of a registered office and a manufacturing Unit in India. Including DSIR certificate		
4	Authorization Letter (if required)	As per Format – 2	



6	MSME Certificate (if you have any)		
7	Production Plan	A brief concept note on planning, execution, and production (not more than five pages)	
8.	Cost of producing 500 kits and percentage of the margin, inclusive of the cost of production and marketing of the product borne by the company		

I/we hereby declare that my/our Bid is made in good faith and the information contained is true and correct to the best of my/our knowledge and belief.

Thanking you,

Yours faithfully,

(Signature of the Authorized signatory)

Name: Designation: Seal:

Place:

**Format-2**

**Authorization Letter**

(To be submitted on Company's Letter Head)

To,

**The Director**

ICAR-Central Institute of Fisheries Education

Off Panch Marg, Near Yari Road

Versova, Mumbai – 400 061

**Subject:** Letter for Authorized Signatory

**Ref:** CIFE/NIB/..... /2025 dated .....

Sir,

This is in reference to your above-mentioned Notice Inviting Bids to undertake the manufacturing and marketing of PCR-based genotyping kits for identification of catfish species as mentioned in the Bid document.

Mr./Ms./Mrs./Dr.....is authorized to submit the Bid documents and participate in the processing on behalf of M/s..... (Company Name) ....., whose signature is below.

(Specimen Signature of Representative)

Date:

Place:

Yours faithfully,

(Signature of the Authorized signatory)

Name:.....

Designation:.....

Seal:.....