

**Government of Karnataka  
Department of Fisheries**

No. DF/140/ALL(1)/2018

Directorate of Fisheries  
Podium block, VV Tower  
Dr. Ambedkar vedhi  
Bengaluru 560001  
Date: - 15/10/2018

**INVITATION FOR EXPRESSION OF INTEREST (EoI)**

Department of Fisheries invites sealed Expression of Interest (EoI) for taking up fish culture in cages in the selected reservoirs of the State from interested and eligible individual/agency/firm/company on Lease-Develop-Operate Basis. Applicants are advised to go through the EoI document carefully before the filling up the application form. Filled up application shall be submitted along with required documents and fees on or before **14 /11/2018** by 17:00 Hrs. The EoI document containing the details of criteria, submission requirement, objective, scope of work etc. is enclosed.

**Last date for submission of EoI is 14th November 2018 upto 17:00 hrs.**

Sealed envelope marked to the below address, containing EoI with all relevant documents may be submitted mentioning "EoI for Fish culture in cages in ----- Reservoir of Karnataka State" on the top of the envelope containing the document.

**Calendar of Events**

<b>S. No.</b>	<b>Item</b>	<b>Dead Line (Date &amp; Time)</b>
1.	Publishing Date	15/10/2018
2.	Document Download Start Date	16 /10/2018 11:00 Hrs
3.	Bid Submission End Date	14/11/2018 17:00 Hrs
4.	Bid Opening Date	15/11/2018 11:00 Hrs

Queries if any may be referred in writing to the Director of Fisheries, at the below mentioned address or Telephone No. 080-22864681/4684 or Fax: 080-22864619 or E-mail:[dfkarnataka@rediffmail.com](mailto:dfkarnataka@rediffmail.com)

Director of Fisheries  
3<sup>rd</sup> floor, VV Tower  
Dr. Ambedkar Veedhi,  
Bengaluru-560 001

Sd/-  
Director of fisheries

**FORMAT – 1**

**APPLICANT’S EXPRESSION OF INTEREST**

To,

Director of Fisheries  
3<sup>rd</sup> floor, VV Tower  
Dr. Ambedkar veeedhi,  
Bengaluru-560 001

**Sub: Submission of Expression of Interest (EoI) “For taking up fish culture in cages in ----- Reservoir of Karnataka State” on Lease-Develop-Operate Basis.**

Dear Sir/Madam

In response to the Invitation for Expressions of Interest (EoI) published on **15/10/2018** for the above purpose, we would like to express interest to the above proposed task. As instructed, we are submitting the following documents in sealed envelopes for needful:

- a) Application as per Format-2 with relevant documents
- b) Declaration of the Applicant: Format-3.
- c) Detailed Project Report (DPR) Format-4

Sincerely Yours,

Signature of the applicant  
[Full name of applicant]

Date:

Encl.: As above.

**FORMAT-2**

**Application for taking up of cage culture in ----- reservoir**

<b>Sl. No</b>	<b>Particulars sought from the applicant</b>	<b>Information furnished by the applicant</b>
(1)	(2)	(3)
1	Name and address of the company/ firm/Individual/agency (IN BLOCK LETTERS):	
2	Address for communication along with Telephone No Fax Mobile: E-mail:	
3	Details of the area where cage culture activity is proposed to be taken up:	
	Name of the Reservoir:	
	Details of the proposed construction works of cage farms. (Design details/engineering works to be submitted):	
	Number of cage units as per the indicated model above	
	Dimensions of each cage: 6m (length) X 4m (width) X 4m (height)	
	Maximum fish holding capacity in each cage:	
	Details of other structures including floats, anchors, watch towers, light-buoys:	
	Details of boats for transporting men and material to and fro:	
4	On-site facilities for the cage farm: Details of the facility proposed to be taken up	
5	Details of the proposed construction works of on-shore facility. (Design details/engineering works to be certified and approved by the Competent Authority):	
	Species and source of fingerlings:	
	Details of feed to be used for fingerlings:	
	Storage facility for feed (for rearing and seed culture):	
	Details of mechanized/motorized crafts for transporting men and material to and fro:	
	On-site laboratory for monitoring water quality parameters and disease diagnosis in the cage farm site:	
6	Whether the assistance for the cage culture has been sought under any other scheme of the Central/State Government? If so, please provide the details:	
7	Whether the Company/Firm is/individual/agency in default of payment to any financial institution/State Government towards loan/assistance availed earlier. If yes, please provide the details and the reasons for default:	

8	<b>Estimates regarding input cost:</b>	
	Species to be cage cultured:	
	Stocking density (please specify the stage of stocking – fingerling/advanced fingerlings) no. per cubic meter of cage:	
	Cost of seed (Rs. per thousand):	
	Source of procurement and	
	Transportation cost	
	Details of feed to be used, its quantity and cost:	
	Source of procurement of feed:	
	Transportation cost of feed from on-shore facility to the cage culture site:	
	Number of culture cycles per year	
	Harvesting cost:	
	Operational cost for the on-shore facility:	
	9	Qualification of applicant
	Experience of the applicant in the cage culture, fish culture and details of training(s) undergone so far: (Provide Documents)	
10	Details regarding economics of operation:	
11	Whether any financial tie up has been made for availing Bank loan, if so please provide the details:	
12	Expected date of operation of the farm and tentative schedule of activities:	
13	Marketing tie up (Provide details)	
14	Source and number of labor employed for construction as well as day-to-day culture operations (man days per year):	
15	Enclose solvency certificate of Rs.20 lakhs from the bank as a proof of financial capacity to invest for developing floating cages Enclose applicant's details of business turnover in the field of fisheries or fisheries related sector	
16	Details of Application Fee: Amount, Demand Draft number, Date, Bank name.	

**Declaration of Applicant:**

This is to certify that, I/we ..... son/daughter of .....hereby declare that the information furnished above is true to my knowledge and belief and all relevant documents are enclosed.

Date:

Place:

Signature:

**FORMAT-3**

**Declaration by the Authorized Signatory of the individual/agency/firm/company**

I/We.....son/daughter/wife  
of.....residing  
at..... hereby declare that the  
information furnished above is true to the best of my/ our knowledge and belief. I am/ we are  
fully aware that if it is found that the information furnished by me/ us is false or there is any kind  
of deviation/ violation of the conditions under which assistance is provided to me by the  
Department of Fisheries, any action as deemed fit for violation of this condition may be taken  
against me/ us.

Date:

Place:

Signature of the applicant (s)

PS: Please enclose details in additional pages if required

## FORMAT- 4

### Detailed Project Report (DPR) Format

S. No.	Contents	Points to be covered
1	Project Title	-
2	Introduction & Rationale	Background information, need, justification
3	Specific Objectives	Objectives pertaining to the component
4	Site Details	
5	Implementation Strategy	
6	Components Abstract	Salient features of the component, activities
7	Project Feasibility	Resource, Production, Marketing and Consumption
8	Time line of the Project	
9	Financial Arrangements/Lease Agreements/Linkages/ Marketing tie ups etc.	
10	Technical Details	Design, layout, specifications, inputs, SOP, GMP, etc.
11	Details about adoption of any new technology/innovation in methodology etc.	
12	Details of technical collaborations/national or interactions consultancy if any	
13	Financial Details	Unit cost (Capital & Recurring cost); Profitability
14	Economic Analysis	IRR, Cost Benefit Ratio, NPV, Sensitivity Analysis
15	Output and Outcome	Production, Employment and Revenue Generation
16	Anticipated Impact	Economic, Social and Environmental impact
17	Conclusions	-
18	Annexures/supporting documents	To attach

# **EXPRESSION OF INTEREST DOCUMENT**

For taking up fish culture in cages in selected reservoirs of  
Karnataka State under Government of India scheme  
**BLUE REVOLUTION**



## **1. Introduction:**

Cage Culture is an emerging technology for intensive production of fish and is considered to have huge potential for increasing the fish production of the country. It is often considered as the future of Indian Fisheries. In recent years, efforts being made to promote cage culture in the inland open water bodies like reservoirs and floodplain wetlands in the country. With this backdrop Department of Fisheries, Government of Karnataka intends to lease out selected reservoirs of the state to take up fish culture in cages with the following objectives:

- 1) To augment fish production from reservoirs in a responsible manner, without affecting the livelihood of the traditional/local fishing communities;
- 2) To increase per capita fish protein availability in the state;
- 3) To enhance the income and livelihood security of the fishers depending on inland fisheries resources; and
- 4) To ensure that the growth of aquaculture is:
  - a) Inclusive and sustainable,
  - b) In harmony with principles of ecological integrity and natural resource conservation, and
  - c) Not in conflict with the genuine interests of other users of the water and land resources.

The inland cage culture is currently being implemented in an isolated manner in various states with varying degree of success. Recognizing the high potential in cage culture, the activity has been included as a priority item under Blue Revolution Scheme and NFDB has formulated an action plan for implementation of Cage Culture. Karnataka state has made an action plan of establishing 30 cages in selected reservoirs of the state. Department of fisheries intends to select beneficiaries through EOI. The selected beneficiary has to follow adopt guidelines for cage culture in inland open water bodies approved by NFDB. The selected beneficiary will be considered for availing financial assistance from Government of India



## 2. Details of reservoirs of Karnataka state proposed for fish culture in cages

District	Taluk	Name of the Reservoir	Water Spread Area (in Hectares)
Vijayapura	Basavanabagevadi	Lalbhadr Shastri (Alamatti)	48787
	Muddebihala	Basavasagara (Narayanapura)	13048
Chitradurga	Hiriyur	Vanivilas Sagar	8640
Hassan	Hassan	Hemavathi	9162
Mandya	Srirangapatna	K.R.Sagar	12924
Bidar	Balki	Karnaja	5672
Davanagaere	Channagiri	Shanthi Sagara	2977

## 3. Submission of DPR and evaluation

Individual/agency/firm/company shall submit DPR and formulate implementable cage culture project in the selected reservoir. Department of fisheries has no role in facilitating the land for the need based ancillary units proposed for the project. Entrepreneurs may adopt innovative technologies of cage farming with the approval of the Department or may come up with their own technical specifications and design. Feasibility studies, time line of the project, implementation strategy, and detailed cost estimates, quotations, technical, financial, economic aspects and anticipated output and outcome of the project etc. are needed to be furnished in the DPR. Entrepreneur need to submit the Detailed Project Report as per the (Format-4) along with application. Submitted applications will be scrutinized by empowered committee as approved in G.O No. pa.sam.mi/10/mi.e.e/2015 dated 06/02/2016 and shortlisted applicants will be sent for approval to the NFDB.

## 4. Pattern of Financial Assistance:

The project shall be implemented in accordance with the financial norms laid down in Central Sector Scheme on Blue Revolution: Integrated Development and Management of Fisheries, 2016. Department of fisheries will facilitate financial assistance for the project as per the norms of CSS BR Guidelines; the rest of the project cost shall be borne by the successful applicant.

## **5. Implementation Module:**

- Typically, 30 cages shall be installed in the selected reservoirs of the state. Maximum of 2 batteries, each battery consisting of 6 cages may be setup in the selected reservoir.
- Entrepreneurs may come up with their own design, components, and innovative technologies. DPR shall be submitted to Department of Fisheries along with the application. Application and DPR will be evaluated by the empowered committee
- The entrepreneur shall adhere to the timeline stipulated by the committee for implementation of the project.
- On completion, teams from Department of fisheries and NFDB will inspect, assess and recommend for release of subsidy, if found in order.

## **6. TERMS OF REFERENCE (ToR)**

### **6.1 Application Terms:**

1. The cage culture application is on Lease-Develop-Operate Basis.
2. Implementation model is specified as above (item 4) is subject to change as per the evaluation of DPR submitted by the applicant.
3. Application processing fee of Rs.2000/- shall be paid through any nationalized bank through Demand Draft (DD) in the name of Director of Fisheries and Demand Draft should be enclosed with application.
4. Earnest Money Deposit (EMD) of Rs. 50,000/- (Fifty Thousand Only) shall be paid through any nationalized bank through Demand Draft (DD) in the name of Director of Fisheries and Demand Draft should be enclosed with application.
5. Applications without processing fee, EMD and incomplete applications will be summarily rejected.

### **6.2 Eligibility Criteria:**

1. Applicant shall have a minimum experience of 5 years in large-scale fish culture in reservoir or pond. Experience certificate from the concerned Deputy Director of Fisheries shall be submitted along with the application.

2. The Applicant should have the financial capacity to invest a minimum of Rs. 20 lakh. In this regard the Applicant shall produce a ``**Solvency certificate**'' for more than Rs.20 lakh from the bank.

### **6.3 Selection Criteria:**

1. Empowered committee constituted as G.O No. pa.sam.mi/10/mi.e.e/2015 dated 06/02/2016 will evaluate the applications and DPRs submitted by the applicants and shortlist the applicant's for next stage of evaluation.
2. Shortlisted applicants will be invited to make a detailed presentation before the committee for further evaluation before finalizing the selection of entrepreneurs.
3. Based on the committee report, the selected candidates shall submit "Request for Proposal" (RFP) for actual implementation of the project.
4. The decision of the committee members will be final in the selection process.

### **6.4 Reservoir Lease Terms:**

1. A maximum area of 0.25 ha area of particular reservoir will be leased to the selected entrepreneur to take up culture of fishes in cages for a minimum of **5 years** and a maximum period of **10 years**.
2. A Lease amount of Rs 10000 per unit per annum has been fixed for 1<sup>st</sup> year. For the remaining years, lease amount shall be increased annually by 5 percent the lease amount of previous year or as prescribed by Government of Karnataka.
3. Successful applicant shall provide a Bank Guarantee of **Rs. 2.00 lakh** to Department of Fisheries during the time of lease agreement.
4. Subleasing of the leased area is strictly prohibited.
5. Successful applicant shall pay the first year lease amount with Bank guarantee along with the signing of the agreement. Lease amount of the remaining years shall be paid in the beginning of the corresponding year and shall obtain renewal order from Department of fisheries.
6. The lessee should give minimum 50% of total requirement of the manpower of the project to the reservoir dependant people.
7. Department of fisheries shall have the power to cancel the lease if the proposed activities causes any violation of lease agreement or due to changes in Government Regulations with respect to reservoir management or any other environmental concerns or public interest activities in the location.

8. The Leased site shall be utilized for Fish culture in cages only. It shall not be used for any other commercial purposes like Tourism or sports Fisheries etc. In such case lease will be cancelled.
9. The dumping, throwing of any type of wastages, dead fish or their viscera in to the reservoir which pollutes the quality of water shall not be allowed.
10. In case, any disease incidence is noticed in cages, all precautions should be taken to prevent and control it and the dead fish shall be disposed safely burying/ burning them at a far-away place from the reservoir so that disease does not spread to the other cages or fishes in the reservoir.
11. The species of Fishes permitted by the Government of Karnataka only shall be reared in cages. If any illegal varieties or culture of banned varieties is noticed in the cages, lease shall be cancelled with immediate effect and shall attract legal measures from the concerned Department.
12. The selected entrepreneur shall take up culture of indigenous varieties or approved exotic varieties of fishes in the selected reservoir
13. Department of fisheries shall not pay any compensation for any loss/damages caused due to any natural calamity or any other causes. The lessee alone will be responsible for any damage/loss incurred.
14. Financial assistance will be as per the CSS-Blue Revolution Norms. (Refer website link: <http://dahd.nic.in/sites/default/files/Guidelines.BR-30616.Fisheries.pdf>)
15. Fish culture shall be taken up within 6 months after obtaining the unit on lease, otherwise lease will be cancelled.
16. Marketing of the fish produced from cage culture project is the sole responsibility of Lessee.
17. Lessee shall provide information in stipulated format to Department of Fisheries regarding, seed stocking, fish catch, marketing & income details of each crop.
18. Any issues regarding implementation of the scheme shall be sorted out by mutual discussion. In case of any irreconcilable differences, this decision of the Secretary, Department of Animal Husbandry and Fisheries shall be final and lessee shall abide by it.
19. Further disputes, if any arising out of the project will be settled within the jurisdiction of Bengaluru court only.

20. Officials of NFDB/Department of Fisheries, Govt. of Karnataka shall have the access to the unit whenever required.
21. Department of Fisheries shall have right to cancel the lease if any of above Terms of References found to be violated by the lessee.
22. Permission for cage culture will not be granted in the reservoir area coming under reserve forest, Wild life zone, national parks where public entrance is prohibited under any Government Notifications or Law.
23. Successful applicant shall execute an agreement on Rs.200/- judicial stamp paper with Department of Fisheries stating that he / she will abide by the above said terms and conditions.
24. The Lessee may use craft for to and fro movement of staff, feed, seed and harvested fish from bank to project site.
25. The lessee shall not interfere or come in the way of other activities implemented in the reservoir.
26. The NFDB or State Government is in no way liable for the damages / compensation / relief claimed by the individual/agency/firm/company to whom permission to install cages in the water body leased out is given.
27. The Lessee is liable for payment of compensation to the reservoir fishermen in the event of indulgence in activities inimical to the interests of the reservoir fishermen.
28. The Lessee shall abide by the Terms & Conditions stipulated periodically by the Central/State Government. The lease amount & Security Deposit shall be forfeited in case the lessee decides to discontinue the lease before completion of lease period.
29. Department of Fisheries has all the rights to modify any portion of EoI or withdraw or cancel the entire process at any stage during the process of implementation of the project

#### **6.5 Compliance to existing Govt. Notifications and Guidelines:**

The lessee shall abide by/comply the guidelines/Terms & conditions/Clauses of the following Govt. notifications.

1. While implementing the project, the First Party will abide by the terms and conditions stipulated by the Govt. of Karnataka vide G.O No. pa.sam.mi/125/mi.e.e/2013 dated 21/02/2014.

2. The Specifications/directives issued by the DADF, Govt. of India vide Office Memorandum No. 31013/13/2017-Fy(3) dated 6<sup>th</sup> July 2017 to all states for installation of cages under Blue Revolution Schemes.
3. The guidelines published by NFDB on the Guidelines for Cage culture in open inland water bodies of India on behalf of DADF, Govt. of India.(Refer website link: <http://nfdb.gov.in/PDF/GUIDELINES/Guidelines%20for%20Cage%20Culture%20in%20Inland%20Open%20Water%20Bodies%20of%20India.pdf>)

Sd/-  
Director of Fisheries