

## Department of Fisheries

### EXPRESSION OF INTEREST DOCUMENT

For taking up fish culture in cages in K.R. Sagar reservoir of Karnataka State .

#### 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 considered as the future of Indian Fisheries. In recent years, efforts are being made to promote cage culture in the inland open water bodies like reservoirs, floodplain, wetlands in the country. With this backdrop, Department of Fisheries, Government of Karnataka intends to lease out selected reservoirs of the state to interested persons to take up fish culture in cages with the following objectives.

- 1) To augment fish production from water bodies 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 interest 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 Pradhan Mantri Mathsyasampad Yojana and Department of Fisheries, Government of India has formulated an action Plan for implementation of Cage Culture. Accordingly, Karnataka state Fisheries Department has made an action plan of establishing cages in selected reservoirs of the state. Department of fisheries intends to select beneficiaries through EOI. The selected beneficiary has to follow and 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 water bodies of Karnataka State proposed for taking fish culture in cages.

District	Taluk	Name of the water bodies.	Water Spread area (in Hectares)
Mandya	Srirangapattana	K.R.Sagar	12924

3. Submission of DPR and evaluation

Individual/agency/firm/company shall have to submit DPR and formulate implementable cage culture project in the K.R.Sagar 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 PA.sam.mi/e-38/mi.e.e2021 dt.21.06.2021 and shortlisted applications will be placed before the state level committee for approval .

#### 4. Patterns of Financial Assistance.

The successful applicant may avail financial assistance in accordance with the terms and conditions laid down in Central sector scheme on "**Pradan Mantri Mathsya Sampad Yojana**" Department of Fisheries will facilitate financial assistance for the project as per the norms of PMMSY guidelines subject to availability of funds and the rest of the project cost shall be borne by the successful applicant.

The government assistance is restricted to a maximum of 18 cages per individual beneficiary and in case of fisher SHGs/joint Liability Groups(JLGs)/Fisher co-operatives etc is restricted to a maximum

of 72 cages per group at the rate of 6 cages per member of the group.

#### 5. Implementation Module:

- Cages shall be installed in the K.R.Sagar reservoir of the state, Typically of 6m×4m×4m size up to maximum of 100 cages per unit.
- 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, team comprising officers from Department of Fisheries, Government of Karnataka and NFDB, Hyderabad will inspect, assess and recommend for release of subsidy.

#### 6. TERMS OF REFERENCE (TOR)

##### 6.1 Application Terms

1. The cage culture is a 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. Processing fee of Rs.2000/- shall be paid through any nationalized bank through Demand Draft (DD) in the name

of Deputy Director of Fisheries, K.R.Sagar and Demand Draft should be enclosed with application.

4. Security Deposit (25% of lease amount) of Rs.5000 /- (Rs Five thousand only) shall be paid through any nationalized bank through Demand Draft (DD) in the name of Deputy Director of Fisheries, K.R.Sagar and Demand Draft should be enclosed with application.
5. Application without processing fee, security deposit and incomplete applications will be summarily rejected.

## 6.2 Eligibility Criteria:

## 6.3 Selection Criteria.

1. Empowered committee constituted as G.O.No.PA.sam.mi/e-38/mi.e.e2021 dt.21.06.2021 will evaluate the applications and DPRs submitted by the applicants and shortlist the applicants 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 is 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 20000 per annum has been fixed for 1<sup>st</sup> year. For the remaining years, lease amount shall be increased annually by 10 percent of the lease amount of the previous year or as prescribed by Government of Karnataka.
3. Lease period starts from 1<sup>st</sup> of October closes by 30<sup>th</sup> of September.
4. Subleasing of the leased area is strictly prohibited.
5. Successful applicant shall pay the first year lease amount 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 reservoirs 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 reservoirs.
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 K.R.Sagar 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 PMMSY Norms.
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, the decision of the Secretary/Principal secretary, Department of Animal Husbandry and Fisheries, Government of Karnataka 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 the 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 abide by the above said terms and conditions.



24. The Lessee may use craft for to and fro movement of staff, feed 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 against to the interests of the reservoir fishermen.
28. The Lessee shall abide by the Terms and conditions stipulated periodically by the Central/State Government. The lease amount and 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 and conditions/clauses of the following Government 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.Pasammi/125mi.e.e/2013

dated/21.02.2014 and G.O.No.PA.sam.mi/e-38/mi.e.e2021 dt.21.06.2021

2. The guidelines published by Director of fisheries and Government of India on the Guidelines for cage culture in open inland water bodies of India.

GOVERNMENT OF KARNATAKA  
DEPARTMENT OF FISHERIES

No.DDF/ALL(1)/2022

Deputy Director of Fisheries(Training)

Inland fisheries training centre,

K.R.Sagar, Srirangapattana taluk  
Mandya Dist-571607

Date:

INVITATION FOR EXPRESSION OF INTEREST (EOI)

Department of Fisheries invites sealed Expression of Interest (EOI) for taking up fish culture in cages in the K.R.Sagar reservoir of the Mandya District 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 uploads on or before 10/01/2023 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 10<sup>th</sup> January 2023 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 K.R.Sagar Reservoir of Mandya District(as listed in the document) to Deputy Director of Fisheries, K.R.Sagar '' on the top of the envelope containing the documents.

#### Calendar of Events

Sl.No	Item	Dead Line
1	Publishing Date	12/12/2022
2	Pre bid meet	06-01-2023
3	Last Date For submission	20/01/2023 upto 17.00 hrs
4	Bid opening Date	23/01/2023

**Prebid meet: O/o Deputy Director of Fisheries(Training),Inlandfisheries training centre, K.R.Sagar, Srirangapattana taluk,Mandya Dist-571607**

Queries if any may be referred in writing to the Deputy Director of Fisheries(Training), K.R.Sagar at the below mentioned address or Mobile9535373793 E-mail:ddfkr@gmail.com

Deputy Director of Fisheries (Training),

Inland fisheries training centre,

K.R.Sagar, Srirangapattana taluk

Mandya Dist-571607

**FORMAT-1**  
**APPLICANTS EXPRESSION OF INTEREST**

To  
Deputy Director of Fisheries(Training),  
Inland fisheries training centre,  
K.R.Sagar, Srirangapattana taluk,  
Mandya Dist-571607

Sub: Submission of Expression of Interest (EOI) for  
Taking up fish culture in cages in K.R.Sagar  
Reservoir of Mandya District'' on Lease Develop  
Operate Basis.

Dear Sir/Madam

In response to the Invitation for Expression of Interest (EOI) published on-----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)

**FORMAT-2**

Application for taking up of cage culture in K.R.Sagar reservoir

Sl. No	Particulars sought from the applicant	Information furnished by the applicant
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	
4	Details of the proposed construction works of cage farms (Design details/engineering works to be submitted)	
5	Number of cage units as per the indicated model above	
6	Dimensions of each cage:6m(length) x 4m (width) x 4m (height)	
7	Maximum fish holding capacity in each cage	
8	Details of other structures including	

	floats, anchors, watch towers, light buoys:	
9	Details of boats for transporting men and material to and fro	
10	On site facilities for the cage farm: Details of the facility proposed to be taken up	
11	Details of the proposed construction works of on shore facility (Design details/engineering works to be certified and approved by the competent authority)	
12	Species and source of fingerlings: Details of feed to be used for fingerlings	
13	Storage facility for feed (for rearing and during culture)	
14	Details of mechanized / motorized crafts for transporting men and material to and fro	
15	On site laboratory for monitoring water quality parameters and disease diagnosis in the cage farm site	
16	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	
17	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:	
18	Estimates regarding input cost	
19	Species to be cage cultured	
20	Stocking density (please specify the stage of stocking fingerling/advanced fingerlings) Number Per cubic meter of cage	
21	Cost of seed (Rs. Per thousand)	
22	Source of procurement	
23	Transportation cost	
24	Details of feed to be used, its quantity and cost	
25	Source of procurement of feed	
26	Transportation cost of feed from on shore facility to the cage culture site.	
27	Number of culture cycles per year	
28	Harvesting cost	
29	Operational cost for the on shore facility	
30	Qualification of applicant	
31	Experience of the applicant in the cage culture, fish culture and details of training(s) undergone so far (provide documents)	
32	Details regarding economics of operation	
33	Whether any financial tie up has been made for availing Bank loan, if so please provide the details	



34	Expected date of operation of the farm and tentative schedule of activities	
35	Marketing tie up (provide details)	
36	Source and number of labour employed for construction as well as day today culture operations (man days per year)	
37	developing floating cages Enclose applicants details of business turnover in the field of fisheries or fisheries related sector	
38	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 Authorised 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)

PS: Please enclose details in additional pages if required.

## FORMAT-4

### Detailed project Report (DPR) Format

Sl.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	IR 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	Annexure/supporting documents	To Attach