

EXPRESSION OF INTEREST DOCUMENT

For taking up fish culture in cages in selected Water bodies 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, flood plain, wetlands in the country. With this backdrop, Department of Fisheries, Government of Karnataka intends to lease out selected water bodies 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 Matsya Sampad 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 100 cages in selected Water bodies 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 Reservoir/Tank | Water Spread area (in Hectares) |
|---------------|-------------|----------------------------|---------------------------------|
| Tumkur | Kunigal | Markonahalli | 1336 |
| Tumkur | Turuvekere | Mallaghatta Tank | 630 |
| Ramanagara | Magadi | Manchanabale | 334 |
| Belagavi | Savadatti | Malaprabha | 13568 |
| Belagavi | Hukkeri | Ghataprabha | 7800 |
| Vijapura | Muddebihala | Basavasagar(Narayanapura) | 13048 |
| Kalaburgi | Chittapura | Bennethora | 2201 |
| Uttarakannada | Mundagoddu | Dharma | 696 |
| Uttarakannada | Haliyala | Tattihalla | 2537 |

| | | | |
|-------------|---------------|-----------------|-------|
| Koppal | Koppal | Hirehalla | 1247 |
| Koppal | Koppal | Shivapura | 125 |
| Chitradurga | Hiriyur | Vanivilas Sagar | 8640 |
| Hassan | Hassan | Hemavathi | 9162 |
| Mandya | Srirangapatna | K.R.Sagar | 12924 |
| Bidar | Balki | Karnaja | 5672 |
| Davanagere | Channagiri | Shanthi Sagara | 2977 |

Department of Fisheries has the right to include or exclude the water bodies depending upon the demand and suitability.

3. Submission of DPR and evaluation

Individual/agency/firm/company shall have to 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 PA.sam.mi/10/mi.e.e/2015 dt.06.02.2016 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 selected 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.5000/- 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.50000/- (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. Application without processing fee, EMD and incomplete applications will be summarily rejected.

6.2 Eligibility Criteria:

1. Applicant shall have a minimum experience of 3 years in large scale fish culture. 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.10 lakh. In this regard the applicant shall produce a solvency Certificate'' for Rs.10 lakh from the bank.

6.3 Selection Criteria.

1. Empowered committee constituted as G.O.No.Pasammi/10/mi.e.e/2015 Dt;06.02.2016 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 10000 per annum has been fixed for 1st year. For the remaining years, lease amount shall be increased annually by 5 percent of the lease amount of the 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 water bodies 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 water bodies.
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 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
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.DF/140/ALL(1)/2018

Directorate of Fisheries
Podium Block, V.V.Tower
Dr.Ambedkar Veedhi,
Bengaluru 560001

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 selected water bodies 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 uploads on or before 18/01/2021 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 18th January 2021 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(as listed in the document) to Director of Fisheries, Bengaluru'' on the top of the envelope containing the documents.

Calendar of Events

| Sl.No | Item | Dead Line |
|-------|------------------------------|-------------------------------|
| 1 | Publishing Date | 2 nd January 2021 |
| 2 | Document Download Start Date | 3 rd January 2021 |
| 3 | Pre bid meet | 12 th January 2021 |
| 3 | Last Date For submission | 18 th January 2021 |
| 4 | Bid opening Date | 20 th January 2021 |
| | | |

Queries if any may be referred in writing to the Director of Fisheries, at the below mentioned address or Telephone No.080-22864681/604 Fax 080-22864649 or E-mail:dfkarnataka@rediffmail.com

Directorate of Fisheries
Podium Block, V.V.Tower
Dr.Ambedkar Veedhi,
Bengaluru

FORMAT-1
APPLICANTS EXPRESSION OF INTEREST

To
Director of Fisheries
3rd Floor, VV Tower
Dr.Ambedkar Veedhi
Bengalure-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 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-----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 | Enclose solvency certificate of Rs.10 lakhs from the bank as a proof of financial capacity to invest for 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 |