



सत्यमेव जयते

राष्ट्रीयमात्स्यकीविकासबोर्ड
National Fisheries Development Board
पशुपालन, डेयरी एवं मत्स्यपालन विभाग
Department of Animal Husbandry, Dairying & Fisheries
कृषि मंत्रालय, भारत सरकार

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वेबसाइट/website: nfdb.gov.in

F. No. NFDB/201/Seacageculture/AP/2017-18

Date: 01/08/2018

INVITATION FOR EXPRESSION OF INTEREST (EoI)

National Fisheries Development Board (NFDB) invites sealed Expression of Interest (EoI) for taking up of Open Sea cage farming with an integrated approach in the territorial waters of Andhra Pradesh state from interested and eligible individual/agency/firm/company/registered societies/SHGs on Lease-Develop-Operate Basis. Applicants are advised to go through the EoI document carefully before filling up of application form. Filled up application shall be submitted along with required documents and fees on or before 19/09/2018 by 14:00 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 19th September 2018 upto 1400 hrs.

Sealed envelope marked to the below address, containing EoI with all relevant documents may be submitted mentioning "EoI for taking up of Open Sea cage farming with an integrated approach in the territorial waters of Andhra Pradesh state to National Fisheries Development Board, Hyderabad" on the top of the envelope containing the document.

Calendar of Events

S. No.	Item	Dead Line (Date & Time)
1.	Publishing Date	06/08/2018
2.	Document Download Start Date	06/08/2018 11:00 Hrs
3.	Bid Submission End Date	19/09/2018 14:00 Hrs
4.	Bid Opening Date	19/09/2018 15:00 Hrs

Queries if any may be referred in writing to the Executive Director (Technical), at the below mentioned address or Telephone No. 040-24000113 or E-mail: info.nfdb@nic.in

Executive Director (Technical),
National Fisheries Development Board,
Pillar No: 235, PVNR Expressway, SVPNPA Post,
Hyderabad-500 052

S/d
Chief Executive
National Fisheries Development Board
Hyderabad

FORMAT – 1

APPLICANT'S EXPRESSION OF INTEREST

To,

Executive Director (Technical),
National Fisheries Development Board,
**Pillar No: 235, PVNR Expressway, SVPNPA Post,
Hyderabad-500 052**

Sub: Submission of Expression of Interest (EoI) “for taking up of Open Sea cage farming with an integrated approach in the territorial waters of Andhra Pradesh state” on Lease-Develop-Operate Basis.

Dear Sir/Madam

In response to the Invitation for Expressions 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

Encl : As above

Date :

Sincerely Yours,

Signature of the applicant
[Full name of applicant]

FORM – II
Proposal for setting up of Open sea cage culture

Sl. No	Particulars sought from the applicant	Information furnished by the applicant
(1)	(2)	(3)
1	Name and address of the company/ firm (IN BLOCK LETTERS):	
2	Address for communication Telephone Fax Mobile: E-mail:	
3	Details of the area where sea cage culture activity is proposed to be taken up:	
	a) State:	
	b) District:	
	c) Taluk/ Mandal:	
	d) Near by Revenue Village:	
	e) Latitude and longitude :	
	f) Details of lease:	
	g) Duration of lease:	
	h) Total farm area (in ha):	
	i) Details of the proposed construction works of cage farms. (Design details/engineering works to be submitted):	
	j) Number of cage units:	
	k) Dimensions of each cage:	
	l) Maximum fish holding capacity in each cage:	
	m) Details of other structures including floats, anchors, watch towers, light-buoys:	
	n) Details of mechanized/motorized crafts for transporting men and material to and fro:	
4	On-shore facilities for the cage farm: Details of the area where the on-shore facility is proposed to be taken up	
	a) State:	
	b) District:	
	c) Taluk/ Mandal:	
	d) Near by Revenue Village:	
	e) Survey Number :	
	f) Whether located in the permitted zone as per the CRZ Act:	
	g) Ownership (whether free hold or open lease):	
	h) If on lease, details and duration of lease:	
	i) Details of the proposed on-shore facilities.	
	j) Species and source of fry:	
	k) Details of the holding facility for the seed (fry to fingerling): If available	
	l) Number and dimensions of fry rearing tanks:	
	m) Details of mechanized/motorized crafts for transporting men and material to and fro:	
5	Whether the assistance for the sea cage culture has been sought under any other scheme of the Central/State Government? If so, please provide the details:	
6	Estimates regarding input cost:	
	a) Species to be cage cultured:	

	b) Stocking density (please specify the stage of stocking – fry/fingerling) – numbers per cubic meter of cage:	
	c) Cost of seed (Rs. per thousand):	
	d) Source of procurement:	
	e) Transportation cost (Rs. Per thousand):	
	f) Details of feed to be used, its quantity and cost:	
	g) Source of procurement of feed:	
	h) Transportation cost of feed from on-shore facility to the cage culture site:	
	i) Number of culture cycles per year:	
	j) Salaries/wages:	
	k) Harvesting cost:	
	l) Operational cost for the on-shore facility:	
8	Experience of the applicant in the cage culture and details of training(s) undergone so far:	
9	Details regarding economics of operation:	
10	Whether any financial tie up has been made for availing Bank loan, if so please provide the details:	
11	Expected date of operation of the farm and tentative schedule of activities:	
12	Marketing tie up if any:	
13	Number of labour to be employed for culture operations:	

Declaration of Applicant:

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

Date:

Place:

Signature:

Name:

Designation:

Format-III

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

I/We.....son/daughter/wifeof
.....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 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/us by NFDB, any action as
deemed fit for violation of this condition may be taken against me/ us.

Date:

Place:

Signature of the applicant (s)

Name:

Designation:

PS: Please enclose details in additional pages if required

Format- IV

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 of Open Sea cage farming with an
integrated approach in the territorial waters of
Andhra Pradesh

राष्ट्रीय मात्स्यकी विकास बोर्ड
National Fisheries Development Board
Department of Animal Husbandry, Dairying and Fisheries
Ministry of Agriculture and Farmers Welfare, Government of India



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1. Introduction:

India is endowed with vast marine fisheries resources such as 8,118 km long Coast Line, 193,834 km² of Territorial Sea, about 4 million Marine Fishermen living in 3432 Marine Fishing Villages in 66 Coastal Districts of 9 Maritime States and 2 Union Territories, besides 2 Island Territories of Andaman & Nicobar and Lakshadweep. Infrastructure available includes 6 Major Fishing Harbours, 40 Minor Fishing Harbours and 1537 Marine Fish Landing Centres. The current marine fish production in India is about 4 million tonnes of which 2 lakh tonnes comprise of high-value fish that are in great demand for human consumption. The projected marine fish production by 2050 is expected to be a maximum of 6 million tonnes. Responsible fishing methods and closed fishing seasons are being observed along the East and West Coasts of India for sustaining the dwindling marine fishery resources. In view of the vast marine resources available in the country, Sea Cage Farming has emerged as a viable option to increase production of high value marine fish and shell fish.

Open Sea Cage Farming provides immense opportunities for enhancing marine fish production while simultaneously reducing fishing pressure on natural stocks and providing livelihood to coastal communities. After intensive research into broodstock development, hatchery technology, seed rearing, etc., the ICAR-Central Marine Fisheries Research Institute, Cochin, Kerala, with NFDB funding has successfully undertaken trials and demonstrated feasibility and economic viability of Sea Cage Farming of marine fishes such as Cobia, Silver Pompano, Seabass, Groupers and Spiny Lobsters at various locations along both the coasts of India. Subsequently, commercial Sea Cage Farming was successfully tested and demonstrated by the Marine Fishermen Association Members along the Gujarat, Maharashtra, Goa and Tamil Nadu Coasts with NFDB funding and technical assistance from CMFRI. In view of the success achieved in trials and available potential for expansion, the Govt. of India has come up with a Scheme to promote Sea Cage Farming (Open Sea Cage Culture) under the CSS Blue Revolution “Neeli Kranti Mission.

2. Open Sea Cage Farming in India

Mariculture – the farming of marine organisms for food - is the fastest growing sub-sector of aquaculture. The global mariculture production including the seaweeds was 54.0 million tonnes (2014), which constituted 53.4% of the aquaculture production during the same period. In the recent past the marine fish catch in the country is stagnating around 3.5 million tonnes annually indicating that increasing the fish catch in the existing fishing grounds is not sustainable economically and ecologically. Added to this dwindling catch in capture fisheries, rampant unemployment in the coastal region and demand for additional seafood necessitates the development of mariculture as a substantial seafood production sector. It has been projected that in India we need to produce about 18 million tonnes of fish by 2030 as compared to about 10 million tonnes we produce today. It implies that our aquaculture production has to increase from 4 million tonnes to 12 million tonnes in the next 14 years. Enhancing fish production from inland sector has limited scope and the major portion of the additional demand has to come from mariculture. Sea cage farming is viewed as a major option for increasing the seafood production and has been expanding rapidly in recent years at global level. Cage culture has made possible the large-scale production of commercial fin fishes in many parts of the world and can be considered as the most efficient and economic way of raising fish. When compared to many maritime countries, India is still in its infancy in cage culture.

Recently, it has been estimated that total number of cages of varying sizes installed in the inshore and brackishwater areas number around 150 with a total estimated production of around 450 tonnes. There is tremendous scope for the further expansion of cage farming in India. Thus, there is an urgent need to expand sea cage farming in India. It is understood that availability of suitable sites for cage culture, well established breeding techniques that yield sufficient quantity of fish fingerlings for farming, availability of supporting industries like feed and net manufactures, strong R&D initiatives, social, economic and financial logistics are prime factors that pave the way for expansion of sea cage farming as a commercial activity. Currently guidelines on the above aspects are lacking in the country and hence a document on the guidelines to be followed is felt desirable for sustainable growth of sea cage farming in the country.

3. Status & Advantages of Sea Cage Farming:

Sea cage farming in India was initiated by CMFRI with support from Ministry of Agriculture, Govt. of India and National Fisheries Development Board (NFDB) in 2007 and is gaining momentum as a commercial seafood production system. Several R&D programmes in cage culture, demonstrations and participatory mode of cage farming have led to the emergence of an economically viable farming method which resulted in popularization of the technology. The necessity of seed for farming has led to the development of hatchery technology for high valued finfish like Cobia, Pompano and Grouper. Consequently, seeds of these species also were made available for cage farming along with the already available seeds of Asian Seabass. As a result, cage farming of Cobia, Pompano, Asian Seabass and Grouper became popular among fishermen-groups and entrepreneurs along the Indian coast.

- Cage farming can be undertaken in open seas, sheltered bays or lagoons having suitable water quality and with prior permission from concerned government authorities. Thus, the vast unutilized areas in the sea can be brought under mariculture practices.
- Production per unit (m³) in cage culture is 50 times more than shore based systems.
- Recurring expenditure associated with development and maintenance of infrastructure are lower in cage farming compared to shore based farming practices.
- Stock monitoring is simple in cage farming, facilitating regular observation of behaviour, feeding and growth that are critical in avoiding problems related to stress and disease outbreak. • Harvesting is easy and can be planned as per the demand, offering better quality product at higher price.
- Depending upon demand, live fish can be marketed.

4. Role of NFDB in promoting Open sea Cage culture:

The Open sea 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 Open Sea Cage Culture. At first instance, NFDB has drawn up an action plan for establishing 3000 cages across the country. CMFRI being a pioneer research institute dedicated to the development of Open sea Cage culture, has

developed and standardized technology for Open sea cage culture in the country. Since government is keen to achieve an additional production of 5 million tonnes of fish by the end of 2020, grounding appropriate technologies like Open Sea cage culture has become more imperative. This can happen only through up scaling of viable and emerging technologies cage culture being promoted through a national level developmental organization like NFDB. With this backdrop, NFDB funded CMFRI for various project pertaining to promotion of Open sea cage culture and production and supply of marine fin fish seed & technology demonstration of Open Sea cage culture technology developed by CMFRI to implementing agencies for wider dissemination among the States, beneficiaries and entrepreneurs

4.1 Objectives:

NFDB proposes to implement the Open Sea Cage culture project along the coast of the maritime states/UTs in the country in an integrated approach and has the target to set up 3000 cages during the FY 2018-19 with the following objectives:

- To implement the project by engaging entrepreneurs on lease basis with backward and forward integration.
- To utilize the existing potential of marine resources
- To disseminate the available technology
- To augment **fish production** through sea cage farming and thereby increase **per capita fish protein** availability in the country
- To open self-employment opportunities and increasing the means of income to the fish farmers through cage culture.
- To provide alternative livelihood for the fisher folk as the marine catch is dwindling.
- To provide advisory services to cage farmers with respect to increasing productivity, reducing the cost, improving post-harvest management and accelerating production.
- To monitor the progress of culture through the life cycle of the species, so as to ensure that the best practices are followed and yield increase is achieved
- To assist the private sector with permissible BR guidelines.

5. Open Sea Cage Culture project in Andhra Pradesh:

Andhra Pradesh possesses 974 km of coastal length with continental shelf area of 33227sq.kms, covering 9 coastal districts comprising of 555 villages. Considering the potential resource, National Fisheries Development Board (NFDB) has taken initiative to utilise the existing potential of inshore waters of the maritime states and encouraging the private sectors to produce

additional 1500 tonnes fish per year by extending subsidy assistance, imparting technical training and extension support as permissible under Blue Revolution Guidelines.

The Department of Fisheries, Government of Andhra Pradesh is engaged in various activities to increase the fish production and productivity of state through effective utilization of the fishery & water resources. The government of Andhra Pradesh have a Sovereign right on the territorial coastal waters up to 12 Nautical Miles. Considering the potential, NFDB proposes to implement Open sea cage Culture project in an integrated approach in collaboration with Department of Fisheries, Government of Andhra Pradesh. The CMFRI has selected 12 potential suitable sites in 4 Districts of Andhra Pradesh for open sea cage farming. Suitable entrepreneurs will be selected through Expression of Interest to set up Open Sea Cage Culture in the suitable sites along the territorial water limit and to create supporting facilities like hatchery, fish seed rearing units, feed mill, cold chain facility, etc. to make the project self-sufficient and sustainable. The effort will evolve a commercial model that same can be replicated elsewhere in the country. To achieve this, NFDB have executed MoU on 20th June 2018 with Commissioner of Fisheries, Government of Andhra Pradesh to gain access to a portion of the Suitable Sites of Open sea cage culture and permission from the Commissioner of Fisheries, Govt. of Andhra Pradesh to implement the project. The MoU is valid for a period of 10 years effective from the date of signing of MoU. The validity may be extended after review in every two years by both the parties.

Table 1: Potential sites for Sea-cage farming in Andhra Pradesh

S.No	Village	Latitude (N)	Longitude (E)
1	Kruthivennu	16° 20'01"	81° 22' 13"
2	Nagayalanka	15° 57'11"	80° 54'37"
3	Etimoga	15° 51'39"	80° 53'41"
4	Beemunipatnam	17° 53'16"	83° 27'20"
5	Jalaripettai	17° 43'41"	83° 20'46"
6	Mukkam	17° 59'17"	83° 33'40"
7	Chinthapalli	18° 04'30"	83° 39'28"
8	Dibbalapalem	18° 01'37"	83° 35'29"
9	Dharamavaram Machilesam	18° 11'53"	83° 53'42"
10	Koyyam	18° 10'19"	83° 51'16"
11	Kocherala	18° 04'51"	83° 40'03"
12	Baruva	18° 52'47"	84° 35'47"

5.1 Selection of Species:

Cobia & Silver Pompano both have commercial value in domestic & international markets. Technology package is available for the both species in all types of rearing system. Cobia needs standard marine environment and the cage culture is suitable for cobia. But silver pompano can be cultured in Seawater/brackish waters in cages as well as in ponds.

5.2 Technical Parameters:

- CMFRI will supply 30 millions of cobia larvae & 48 million of silver pompano larvae per annum to the State/private hatchery for rearing purpose.
- Transport of larvae from CMFRI Mandapam/Vizhinjam/Vizag to the respective larval rearing units may be ensured with available transport facilities.
- Hatcheries (larval rearing units) shall rear up to fry/fingerling size and supply to the beneficiaries at regular intervals (Hatchery contact details submitted by States- will be uploaded in the NFDB website).
- Cage materials & fabrication details are already available in the market.
- Transport facilities of fry/fingerling from Hatchery to Culture site shall be ensured with available transport facilities.
- To ensure the continuous supply of fingerlings, 10% of the cages in a unit of 20 cages are to be maintained as nursery cages, i.e., 2 cages in the 20 cages unit are to be kept for nursery rearing.
- For the production of 1000 tonnes of fish 1500 tonnes of feed is required @ 1:1.5 FCR. To ensure the continuous supply of feed, commercial feed suppliers linkage is to be ascertained.
- Readily available marketing facilities on site ensures sale of fish produce and assured returns. Marketing tie up with domestic/export traders to be ensured.

Table 2: Cage culture with integrated approach:

S.No	Component	Quantity/ Unit	Unit Cost (Rs. in lakhs)	Total Project cost Rs. in lakhs
1	Cage culture	500	5.00	2500.00
2	Hatchery	1	25.00	25.00
3.	Small feed Mill (Capacity of 1-5quintal /day)	3	10	30.00
4.	Ice plant-40 Mt	1	2.5 Lakh/tonne	100.00
5.	Cold storage-40 Mt	1	2.5 Lakh/tonne	100.00
6	Transportation Facility(refrigerated Truck capacity of 10 T)	2	25	50.00
7	Aqua one centres	3	20.00	60.00
		Total		2865.00

5.3 Submission of DPR and evaluation

Individual/agency/firm/company may consider including above component in their DPR and formulate implementable integrated Open sea cage culture project in the selected potential sites. NFDB has no role in facilitating the land for the need based ancillary units proposed for the project. Entrepreneurs may adopt innovative technologies of open sea cage farming 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 to be furnished in the DPR. Entrepreneurs need to submit the Detailed Project Report as per the (Format-4) along with application.

5.4 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. NFDB 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.

5.5 Institutional arrangements:

NFDB has the consent of the concerned state to take up the project in the identified potential sites along the coast of Andhra Pradesh. NFDB has technical collaboration with ICAR-CMFRI for promotion of cage culture activities in the country. ICAR-CMFRI is a premier research institute, which developed and standardized the technology for Open sea cage culture in the country. Applicants may approach ICAR-CMFRI for the identification of potential cage culture sites along the territorial waters, technical support and hands on training for the cage culture activities. NFDB may organize training programmes on the cage culture activities with the technical support of ICAR-CMFRI at the project site to beneficiaries/local fishermen communities of surrounding villages of coastal area.

5.6 Implementation Module:

- Typically, 20 cages (Pompano/Cobia) shall be installed in a potential site. Such multiple units in suitable and identified sites along the coast may be setup.
- Entrepreneurs may come up with their own design, components, innovative technologies which is equivalent to the total volume proposed in this model. DPR shall be submitted to NFDB along with the application.
- The entrepreneur shall ensure backward and forward linkage facilities like establishment of fish seed hatchery, Feed mill, processing & supply chain etc. along with the installation of cages in the DPR.
- Application and DPR will be evaluated by the technical committee appointed by NFDB.
- The entrepreneur shall adhere to the timeline stipulated by the committee for implementation of the project.
- On completion, NFDB team will inspect, assess and recommend for release of subsidy, if found in order.
- Based on the recommendations, the Competent Authority will release eligible financial assistance to the entrepreneur as per the existing Blue Revolution Scheme norms.

Table: 3 Indicative Timeline of the Project:

Particulars	Months																		
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Site selection, Submission of DPR and Project Sanction Order	█	█																	
Capacity building		█	█																
Procurement of cage materials, Construction of Hatchery		█	█																
Construction and installation of cages Construction of feed mill		█	█	█	█														
Construction of Ice plant & cold storage Procurement of Transport vehicle							█	█	█	█									
1st culture																			
Procuring fry/ fingerling and stocking				█	█														
Fish seed rearing (nursery)				█	█	█	█	█											
Grow out culture & Feeding																			
Harvesting and marketing																			
2nd culture																			
Procuring fry/ fingerling and stocking																			
Fish seed rearing (nursery)																			
Grow out culture & Feeding																			
Harvesting and marketing																			

6. TERMS OF REFERENCE (ToR)

Open Sea cage farming with an integrated approach in the territorial waters of Andhra Pradesh on Lease-Develop-Operate Basis under NFDB, Hyderabad is subject to following Terms of Reference

6.1 Application Terms:

1. The cage culture application is on Lease-Develop-Operate Basis.
2. Implementation model is as specified in chapter (4) above and is subject to change as per the evaluation of DPR submitted by the applicant.
3. Application processing fee of Rs.2000/- shall be paid in the form of Demand Draft (DD) drawn in favour of National Fisheries Development Board and Demand Draft obtained from any nationalized bank should be enclosed with application.
4. Applications without processing Fee and incomplete applications will be summarily rejected.

6.2 Eligibility Criteria:

1. Applicant shall have a minimum experience of 5 years in large-scale aquaculture experience.
2. Registered Fisheries society/SHGs/Women Groups may also apply

6.3 Selection Criteria:

1. Technical committee constituted by NFDB 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 detailed presentations before the committee for further evaluation before finalizing the selection of entrepreneurs, if required.
3. Based on the committee report, the selected candidates shall submit additional documents for implementation of the project.
4. The decision of the committee members will be final in the selection process.

6.4 Lease Terms:

1. Only potential suitable sites identified by ICAR-CMFRI of territorial waters of Andhra Pradesh will be leased out for culture of fishes in cages for a minimum of **5 years** and a maximum period of **10 years** subject to review every two years based on the performance of the project.
2. A Lease amount of Rs 50 per Cubic meter per annum has been fixed for 1st year. For the remaining years, lease amount shall be increased annually by 5 percent or as prescribed by GoI of the lease amount of previous year.
3. Subleasing of the area is strictly prohibited.
4. Successful applicant shall pay the first year lease amount with the signing of the agreement. Lease amount for the remaining years shall be paid in the beginning of the corresponding year.
5. The lessee should give minimum 50% of total requirement of the manpower of the project to the coastal traditional fisher folk .
6. NFDB 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 Coastal zone management or any other environmental concerns or public interest activities in the location.
7. The Leased site shall be utilised 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.
8. The dumping, throwing of any type of wastages, dead fish or their viscera in to the coastal area which pollutes the quality of water shall not be allowed.
9. 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 faraway place from the coastal region so that disease does not spread to the other cages or fishes in the natural ecosystem.
10. The species of Fishes permitted by the Government of Andhra Pradesh only shall be reared in cages. If any illegal varieties or culture of banned varieties is noticed in the cages, lease will be immediately cancelled and shall attract legal measures from the concerned Department.

11. NFDB 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.
12. NFDB 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>)
13. Fish culture shall be taken up within 6 months after obtaining the unit on lease, otherwise lease will be cancelled.
14. Marketing of the fish produced from open sea cage culture project is the sole responsibility of Lessee.
15. Lessee shall provide information in stipulated format to NFDB regarding, seed stocking, harvest &, marketing details of each crop.
16. Any issues regarding implementation of the scheme shall be sorted out by discussing with NFDB. In case of any irreconcilable differences, this decision of the Secretary, DADF shall be final and lessee shall abide by it.
17. Further disputes, if any arising out of the project will be settled within the jurisdiction of Hyderabad court only.
18. Officials of NFDB/Department of Fisheries, Govt. of Andhra Pradesh shall have the access to the unit whenever required.
19. NFDB shall have right to cancel the lease if any of above Terms of References found to be violated by the lessee.
20. Permission for open sea cage culture will not be granted in the coastal area coming under reserve forest, Wild life zone, national parks where public entrance is prohibited under any Government Notifications or Law.
21. Successful applicant shall execute an agreement on Rs.100/- judicial stamp paper with NFDB stating that he / she will abide by the above said terms and conditions.
22. The Lessee may use craft for to and fro movement of staff, feed, seed and harvested fish from shore to project site.
23. The lessee shall not interfere or come in the way of other activities implemented in the territorial waters
24. 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 is leased out is given.

25. The Lessee is liable for payment of compensation to the traditional fishermen in the event of indulgence in activities against to the interests of the coastal traditional fishermen.
26. 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.
27. National Fisheries Development Board 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 lessee will abide by the terms and conditions stipulated by the Govt. of Andhra Pradesh vide Lr. No. 1912/J1/2018, dated 29/06/2018.
2. The Specifications/directives issued by the DADF, Govt. of India vide Office Memorandum No. 31013/13/2017-Fy(3) dated 6th July 2017 to all states for installation of cages under Blue Revolution Schemes.
3. The guidelines published by NFDB on the Guidelines for Open Sea Cage culture in Coastal water bodies of India on behalf of DADF, Govt. of India.(Refer website link: <http://nfdb.gov.in/PDF/DOWNLOADS/Guidelines%20for%20Sea%20Cage%20Farming%20in%20India%20-%20January%202018.pdf>)



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