

Expression of Interest (EOI)
For
Preparation of Mould for Circular HDPE Cage along with
supply of float and installation

From

ICAR-Central Inland Fisheries Research Institute
Barrackpore, Kolkata - 700120

Tel Nos.: (033) 25921190/91

November, 2019

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ICAR-CENTRAL INLAND FISHERIES RESEARCH INSTITUTE (INDIAN COUNCIL OF AGRICULTURAL RESEARCH)

BARRACKPORE : KOLKATA - 700 120

Phone No. (033) 2592 1190/1191

E-mail : storeseccifri@gmail.com, Website : cifri.res.in

F. No. Administrative (EOI New Circular HDPE Cage)-306(10)/2019-Stores Dt. 28th November, 2019



1. TEXT OF ADVERTISEMENT

INVITATION FOR EXPRESSION OF INTEREST

ICAR-Central Inland Fisheries Research Institute (ICAR-CIFRI) invites sealed Expression of Interest (EOI) from Indian firm/company/partnership/proprietorship firm for undertaking **preparation of mould for Circular HDPE Cage along with supply of float and installation.**

The EOI Document containing the details of qualification criteria, submission requirement, brief objective & scope of work and evaluation criteria etc. can be downloaded from the website www.cifri.res.in.

Further details, if any, may be obtained from Shri Himanshu Sekar Swain, Scientist, ICAR-CIFRI, Barrackpore, Kolkata - 700120 during working hours.

Last date for submission of EOI is 23rd December, 2019 upto 1400 hrs. Sealed envelope marked to the captioned address, containing EOI and EMD of Rs 5000.00 by way of DD/Pay Order only in favour of "ICAR Unit CIFRI", payable at SBI, Barrackpore (IFS Code SBIN0000029) may be submitted mentioning "EOI for preparation of mould for Circular HDPE Cage along with supply of float and prototype and installation" on the top cover addressed to:

"The Director, ICAR-Central Inland Fisheries Research
Institute, Barrackpore, Kolkata - 700120"

Applicants meeting the qualification criteria may be invited for presentation / proposal before the selection committee/PAC of ICAR-CIFRI. Bid Document will be subsequently issued to the short listed applicants only.

Director,
ICAR-Central Inland Fisheries Research Institute,
Barrackpore, Kolkata - 700120

Note: ICAR-CIFRI or any of its designates reserves the right to cancel this request for EoI and/or invite afresh with or without amendments, without liability or any obligation for such request for EoI and without assigning any reason. Information provided at this stage is indicative and ICAR-CIFRI reserves the right to amend/add further details in the EoI.

2. INVITATION AND SCHEDULE

ICAR-CIFRI invites sealed Expression of Interest (EOI) from Indian firm/company/partnership/proprietorship firm for undertaking preparation of mould for Circular HDPE Cage along with supply of float/prototype and installation of the Cage.

The EOI Document containing the details of qualification criteria, submission requirement, brief objective & scope of work and method of evaluation etc. is enclosed.

The EOI Document is also available on the ICAR-CIFRI website www.cifri.res.in.

You may submit your responses in sealed envelopes in prescribed format to the Director, ICAR-Central Inland Fisheries Research Institute, Barrackpore, Kolkata - 700120 latest by 24.12.2019.

Queries if any may be referred in writing to the Director, ICAR-Central Inland Fisheries Research Institute at the above mentioned address or Telephone No. (033)2592-1190/91 (Extn. 251/252) or at E-mail: storeseccifri@gmail.com.

S. No.	Critical Dates	Date	Time
1.	Publishing Date	28.11.2019	
2.	Document Download Start Date	28.11.2019	12.00 hrs
3.	Document Download End Date	21.12.2019	12.00 hrs
4.	Bid Submission Start Date	30.11.2019	10.00 hrs
5.	Bid Submission End Date	23.12.2019	14.00 hrs
6.	Bid Opening Date	24.12.2019	14.00 hrs

Yours faithfully,

Chief Administrative Officer,
ICAR-CIFRI, Barrackpore

Encl.: EOI Document.

Background:

ICAR-Central Inland Fisheries Research Institute under Indian Council of Agricultural Research, Department of Agricultural Research and Education (DARE), Ministry of Agriculture and Farmers' Welfare, Government of India is a premier Institute in India, working in the domain of research in Inland Fisheries and uplifting of socio-economic status of fish farmers from the year of Independence.

ICAR-Central Inland Fisheries Research Institute works under the mandate as follows:-

1. Basic, strategic and applied research for sustainable management of inland open water resources.
2. Develop protocols for productivity enhancement in reservoirs and wetlands and aquatic ecosystems health management.
3. Acts as repository of information on inland open water resources.
4. Human resource development through training, education and extension.

Over the years, the Institute has developed a number of technologies and went for commercialization of the same on exclusive/non-exclusive basis. Presently Circular Cage is being popular worldwide, however the price (fixed cost) of the Circular Cage is too high. This attempt is to develop a mould for production of HDPE Circular Cage which will be low price..

4.0 Aims & Objectives:

ICAR-CIFRI wish to prepare moulds along with one complete set of cage for testing. The main objective is to produce Circular Cape by attaching floats (like HDPE pontoon type rectangular cage) in a Circular manner.

5.0 EOI Processing Fees

An EMD for Rs. 5,000/- (Five Thousand Rupees only) in the form of a Demand draft or a Pay Order drawn in favour of "ICAR Unit- CIFRI" Payable at SBI, Barrackpore (IFS Code SBIN0000029) has to be submitted along with the EOI response. Bids received without or with inadequate EOI processing fees shall be liable to get rejected.

6.0 Venue & Deadline for submission of proposal

Proposal, in its complete form in all respects as specified in the EOI, must be submitted to ICAR-CIFRI at the address specified herein earlier. In exceptional circumstances and at its discretion, ICAR-CIFRI may extend the deadline for submission of proposals by issuing an amendment to be made available on the ICAR-CIFRI website, in which case all rights and obligations of ICAR-CIFRI and the bidders previously subject to the original deadline will thereafter be subject to the deadline as extended. The bidders should attend Pre-bid conference to get acquainted with the technology and other terms of EOI.

7.0 TERMS OF REFERENCE

The detailed terms of reference are enclosed at **Annexure-I**.

8.0 INSTRUCTIONS TO BIDDERS

The Expression of Interest is to be submitted in the manner prescribed below:-

All information as detailed below is to be submitted in hard copies, from a) to h) in a sealed envelope and financial bid in the form of i) in one separately sealed and one soft copy in CD from a) to h):-

- a) Applicant's Expression of Interest as per Format-1.
- b) Organizational Contact Details as per Format-2.
- c) Experience of the organization as per Format-3.
- d) List of MANPOWER on payroll as per Format-4.
- e) Financial strength of the company as per Format-5.
- f) Additional information as per Format-6.
- g) Declaration as per Format-7.
- h) Bidding organization must have its office in India.
- i) Financial Bid as per Format-8 in a separate envelope.

EOI Documents have been hosted on the website www.cifri.res.in and may be downloaded from the website.

The bidders are expected to examine all instructions, forms, terms and other details in the EOI document carefully. Failure to furnish complete information as mentioned in the EOI document or submission of a proposal not substantially responsive to the EOI documents in every respect will be at the Bidder's risk and may result in rejection of the proposal.

9.0 Qualification Criteria:

Following will be the minimum pre-qualification criteria. Each eligible bidder should possess all the following pre-qualification criteria. Responses not meeting the minimum pre-qualification criteria will be rejected and will not be evaluated.

S. No.	Pre-qualification Criteria	Supporting document	Compliance
1.	The applicant shall be a firm/ company/ partnership/ proprietorship firm registered under the Indian Companies Act, 1956/ the partnership Act, 1932 and who have their registered offices in India.	Copy of incorporation Deed, if any	Certificate of and Partnership
2.	The Bidder has to be profitable and should not have incurred loss in any of the last 3 consecutive Financial Years (FY 2016-17, 2017-18 & 2018-19)	Format-5 to be certified & validated by Chartered Accountant (CA) of the bidder's organization	
3.	The Bidder should have an annual turnover of Rupees 10 Lakh in each of the last 3 consecutive Financial Years (FY 2016-17, 2017-18 & 2018-19)	CA certified document with name of CA registration number, signature and stamp	
4.	The Bidder shall have experience of providing: (i). Three similar initiatives to Central Govt./State Govt./PSUs/ Govt. bodies in India costing not less than Rs. 5 Lakh each OR (ii). Two similar completed initiatives costing not less than Rs.10 Lakh each OR (iii). One similar completed initiatives costing not less than Rs. 20 Lakh	Copy of Work Order / Contract	
5.	The firm should have at least 10 full time Manpower on its pay rolls	Certificate by Statutory Auditor or Company Secretary of the Bidder's organization	
6.	The firm should not be blacklisted by any Central Govt. / State Govt. / PSU/Govt. Bodies	Certificate signed by the Authorized signatory	
7.	PAN No. / GST Registration Certificate	Copy of Certificate to be enclosed.	
8.	Preference will be given to agency/organization having prior experience in Commercial Production of similar technology for any Central / State Govt. / Govt. Autonomous Bodies.		
9.	The Bidder must have an office in India	Details of branch offices in India, if any, may be submitted.	

10.0 Evaluation Criteria and Method of Evaluation:

- a. Screening of EOIs shall be carried out as per eligibility conditions mentioned in this document and based on verification of testimonials submitted.
- b. EOI will be evaluated for short listing inter alia based on their past experience of handling similar type of project, strength of their man power, financial strength of firm and presentation / proposal to the selection committee whose decision will be final.
- c. Agencies who qualify as per the eligibility conditions will be provided a brief about the technology of Circular HDPE Cage. The agencies may be required to make a presentation, if required, to a selection committee show-casing their proposals.
- d. ICAR-CIFRI will take up references and reserves the right to pay due heed to the Bidder's performance elsewhere and any past experience from ICAR-CIFRI.
- e. The Financial bids in a sealed envelope (submitted separately) of the short listed agencies will be opened.

11.0 Response:

Bidders must ensure that their Bid response is submitted as per the formats attached with this document. Special comments on the objectives and scope of the production projected in the enquiry may also be submitted along with the offer.

Application in sealed cover super scribed, as "EOI for preparation of mould for Circular HDPE Cage along with supply of float and prototype and installation".

12.0 Conflict of Interest:

Where there is any indication that a conflict of interest exists or may arise, it shall be the responsibility of the Bidder to inform ICAR-CIFRI, detailing the conflict in writing as an attachment to this Bid.

ICAR will be the final arbiter in cases of potential conflicts of interest. Failure to notify ICAR-CIFRI of any potential conflict of interest will invalidate any verbal or written agreement.

A Conflict of Interest is where a person who is involved in the procurement has or may be perceived to have a personal interest in ensuring that a particular Bidder is successful. Actual and potential conflicts of interest must be declared by a person involved in a Bid process.

13.0 Condition under which EOI is issued:

The EOI is not an offer and is issued with no commitment. ICAR-CIFRI reserves the right to withdraw EOI and or vary any part thereof at any stage. ICAR-CIFRI further reserves the right to disqualify any bidder, should it be so necessary at any stage.

14.0 Last date of submission of EOI:

The last date of submission of EOI is 23.12.2019 (1400 hrs.).
Bid Opening Date & Time is 24.12.2019 (1400 hrs.)

15.0 FORMATS FOR SUBMISSION:

FORMAT – 1

APPLICANT'S EXPRESSION OF INTEREST

To,

The Director,
ICAR-Central Inland Fisheries Research Institute,
Barrackpore, Kolkata - 700120

Sub: Submission of Expression of Interest for preparation of mould for Circular HDPE Cage along with supply of float and prototype and installation of ICAR-CIFRI

Sir,

In response to the Invitation for Expressions of Interest (EOI) published on
for the above purpose, we would like to express interest to carry out the above proposed task. As instructed, we attach the following documents in separately sealed envelopes (One for pre-qualification and the other for Financial Bid) and one soft copy for only pre-qualification criteria:

1. Organizational Details (Format-2)
2. Experience in related fields (Format-3)
3. List of manpower on payroll, at least 10 (Format-4)
4. Financial strength of the organization (Format-5)
5. Additional information (Format-6)
6. Declaration (Format-7)
7. Financial Bid (Format-8) (submitted separately in a sealed envelope)

Sincerely Yours,

Signature of the applicant

[Full name of applicant]

Stamp.....

Date:

Encl.: As above.

Note: This is to be furnished on the letter head of the organization.

FORMAT – 2

S. No	Organizational Contact Details	
1.	Name of Organization	
2.	Main areas of business	
3.	Type of Organization Firm/ Company/ partnership firm registered under the Indian Companies Act, 1956/ the partnership Act, 1932	
4.	Whether the firm has been blacklisted by any Central Govt. / State Govt./PSU/ Govt. Bodies / Autonomous? If yes, details thereof.	
5.	Address of registered office with telephone no. & fax	
6.	Address of offices in i) West Bengal ii) All other State/UT's	
7.	Contact Person with telephone no. & e-mail ID	

Enclose:-

1. Copy of Certificate of Incorporation.
2. Copy of Article of Association in respect of 3 above.
3. Undertaking in respect of 4 above.

Signature of the applicant

Full name of the applicant

Stamp & Date

FORMAT – 3

Experience in Related Fields					
Overview of the past experience of the Organization in all aspects related to Brand Building related					
S. No	Items	Number of Assignments during last 3 years	Order Value of each assignment in Lakhs of Rs. (Enclose copy of each order)	Mention the name of Client/ Organization (Enclosed completion certificates)	
1	Experience of assignments of similar nature				
1.1	Experience in carrying out similar assignments in Government				
1.2	Experience in carrying out Similar assignments in Public sector.				
<p>Decision of Evaluating Committee in ascertaining “similar nature” and “similar assignment” will be final.</p> <p align="right">Signature of the applicant Full name of applicant Stamp & Date</p>					

FORMAT – 4

List of Manpower on payroll (at least 10)				
S. No	Name	Designation	Qualification	Relevant Experience
1.				
2.				
3.				
4.				
5.				
6.				
7.				
8.				
9.				
10.				

Signature of the applicant
Full name of applicant
Stamp & Date

FORMAT – 5

Financial Strength of the Organization					
S. No	Financial Year	Whether profitable Yes/NO	Annual net profit (in Crores of Rs.)	Overall annual turnover (in Crores of Rs.)	Annual turnover from only similar initiatives rendered in India (in Crores of Rs.)
1	2016-17				
2	2017-18				
3	2018-19				

Note: Please enclose auditor's certificate in support of your claim.

Signature of the applicant
Full name of applicant

Stamp & Date

FORMAT – 6

Additional Information

1. List all enclosures related to the previous sections.

S.NO	Description	No. of pages

2. Additional information to support the eligibility as per Section 7 (Not more than 2 pages).

Signature of the applicant

Full name of applicant

Stamp & Date

FORMAT -7

Declaration

We hereby confirm that we are interested in competing for the preparation of mould for Circular HDPE Cage along with supply of float and prototype and installation

All the information provided herewith is genuine and accurate.

Authorized Person's Signature.

Name and Designation:

Date of Signature:

Note: The declaration is to be furnished on the letter head of the organization.

FORMAT – 8

Financial Bid (To be submitted in a separately in a sealed envelope)

1. List all enclosures related to the previous sections.

S.NO	Item	Net Unit Price (Rs.)	GST (Rs.)	Any other cost (Rs.)	Gross Unit Price (Rs.)
1.	Mould for Circular HDPE Cage along with prototype				
2.	Installation cost				

2. Transportatin cost:-

S.NO	Item	Net Unit Price in Rs./1000 Kg/Kilometer basis (Rs.)	GST (Rs.)	Gross Unit Price in Rs./1000 Kg/Kilometer basis (Rs.)
1.	Transportation cost including Insurance, Loading and unloading			

I/We hereby undertake that the rate quoted hereinabove shall remain fixed for a period of Five years from the date of offer.

Signature of the applicant Full name of applicant
Stamp & Date

Supply of mould for Circular HDPE Cage along with supply of float and prototype and installation by ICAR-CIFRI

TERMS OF REFERENCE

1. BACKGROUND

ICAR-Central Inland Fisheries Research Institute under Indian Council of Agricultural Research, Department of Agricultural Research and Education (DARE), Ministry of Agriculture and Farmers' Welfare, Government of India is a premier Institute in India, working in the domain of research in Inland Fisheries and uplifting of socio-economic status of fish farmers from the year of Independence.

ICAR-Central Inland Fisheries Research Institute works under the mandate as follows:-

1. Basic, strategic and applied research for sustainable management of inland open water resources.
2. Develop protocols for productivity enhancement in reservoirs and wetlands and aquatic ecosystems health management.
3. Acts as repository of information on inland open water resources.
4. Human resource development through training, education and extension.

2. TERMS OF REFERENCE

The terms of reference of the initiative are as follows:-

Development / Preparation of mould for the production of 16 m diameter Circular Cage by attaching floats (like proton type of Cage and float)

(a) Preparation of Mould and production of the below items

1. Cage inner Diameter – 16 m
2. Type – Circular
3. Material: HDPE floating runner type

(b) Floats

1. Each float dimension: 1.0m x 0.5m x 0.5m. It will make the curve so that it will form a circular 16m dia structure
2. Corrosion resistance, wear and UV resistance.
3. It should withstand temperature up to 60 degree
4. With stand a wind speed up to 250km/hr
5. Withstand the water pressure up to 15m depth and hold 5m deep net along with fish
6. Ancillary parts like nut and bolts should be prepared as per the floats design

(c) Manufacturing and supply of 01 complete sets of advance samples initially along with the test report of the raw material and final product after mould trail for approval along with its component

- (d) Service life : 25years
- (e) Financial quotation must incorporate Net cost, Applicable Taxes and Royalty.
- (f) Offer will be made to the lowest quotee for price of the product. In the event of a tie or if a successful bidder is indeterminable according to the aforementioned formula, the decision of the selection committee with the approval of the Competent Authority will be final and no subsequent representation shall be entertained.
- (g) It is the liability of the successful bidder for development of mould and production, transport and install the Circular HDPE Cage at the sites as instructed by the Institute. Hence, the bidder has to quote transport cost separately in the Financial Bid in the form of Rs./1000 Kg basis and the transportation cost should incorporate tax and insurance component of the transported materials. The Net price offered for the Cage item should incorporate installation cost.
- (h) The successful bidder should possess in-house facility and manpower for production and installation of Circular HDPE Cage, so that total period from receipt of work order till the actual installation to the satisfaction of the Institute/receiving personnel should not exceed 45 days. The same may be reflected in enclosed **Format-4**.
- (i) The successful bidder shall abide by all the terms and conditions of this EOI and the work order. No terms submitted by the bidders shall be granted, if not specifically approved by the Institute.

3. METHODOLOGY

- (1) The Bidders should submit sample of components after first production to allow the Institute to inspect the quality of the same as per the specifications.
- (2) On pre-qualification and quality control at the Institute, the financial bids of the technically successful bidders will be opened. On financial evaluation mentioned hereinabove, work order will be issued to the successful bidder.
- (3) On receipt of work order, the successful bidder would ready his in-house facility to abide by supply order as per TOR.

4. TIME SCHEDULE

An appraisal report would be submitted within 1 month of the date of issuance of work order that the awardee is ready for supply and installation after due inspection of the supplied prototype.

5. DELIVERABLES

The Awardee shall produce, supply and install Circular HDPE Cage to the satisfaction of the Institute/receiver of the Cage as per Terms of reference of this EOI.

Specification of moulds for Circular HDPE Cage along with prototype

Specification

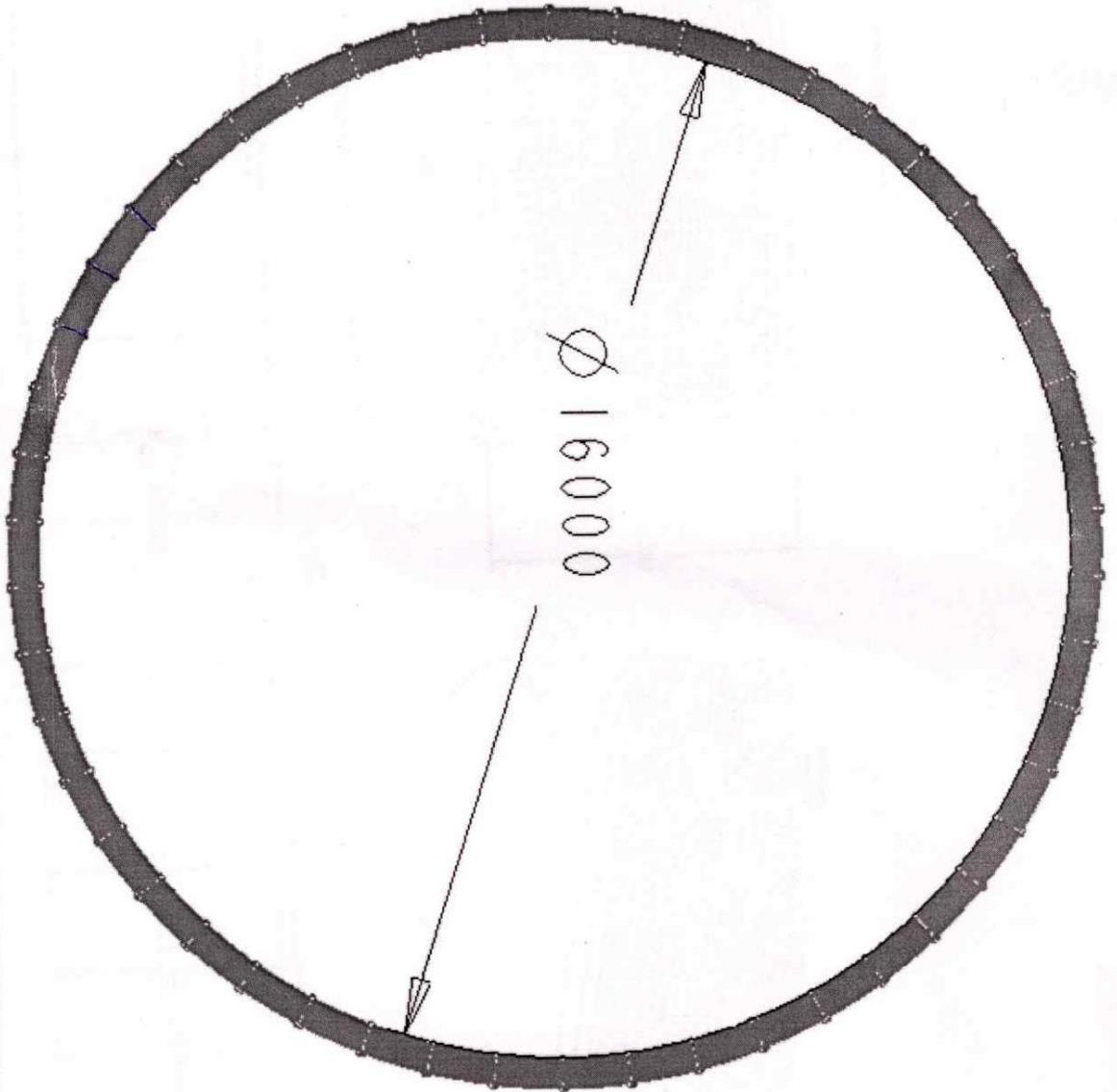
Supply of moulds for the below prototype Circular Cage production as per specification enlisted below:

1. Cage inner Diameter – 16m
2. Type – Circular
3. Material: HDPE floating runner type

Floats

4. Dimension: 1.0m x 0.5m x 0.5m. It will make the curve so that it will form a circular 16m dia structure.
5. Corrosion resistance, wear and UV resistance.
6. It should withstand temperature up to 60 degree.
7. With stand a wind speed up to 250 km/hr.
8. With stand the water Pressure up to 15m depth and hold 5 m deep net along with fish .
9. Ancillary parts like nut and bolts should be prepared as per the floats design .
10. Manufacturing and supply of 01 complete sets of advance samples initially along with the test report of the raw material and final product after mould trail for approval along with its component.
11. Service life: 25 years
12. Installation of Prototype (First Cage)

50nos of Cages assembled together to make the diameter of 16000mm.



Cage Detail

