

**ICAR- CENTRAL INSTITUTE OF FISHERIES EDUCATION
(DEEMED UNIVERSITY)
FISHERIES UNIVERSITY ROAD, VERSOVA, ANDHERI (WEST)
MUMBAI – 400 061**

F. No. 32(164)/Works/2018-19/NAHEP-5/

Dated: 28/01/2019

TENDER INVITATION NOTICE

Name of the work: DEVELOPMENT OF TUNNEL TYPE POLY-HOUSE WITH CLIMATE CONTROL FACILITY AT ICAR-CIFE ROHTAK CENTER, ROHTAK, Regarding

Sealed Tenders are invited from eligible contractors for work titled “**DEVELOPMENT OF TUNNEL TYPE POLY-HOUSE WITH CLIMATE CONTROL FACILITY**” AT ICAR-CIFE ROHTAK CENTER, ROHTAK, HARYANA STATE. The tender duly completed in all respects shall be received up to **1500 hrs. on 11/02/2019** and shall be **opened at 1530 hrs. on 11/02/2019**. Quoted rates must be valid for **45 days** from the date of acceptance of the Tender.

Interested contractors may kindly follow our website <http://www.cife.edu.in>.

The Director of the Institute reserves the right to accept or reject any or all Tender without assigning any reasons whatsoever. No correspondence shall be entertained in this regards.

Senior Administrative Officer

**ICAR- CENTRAL INSTITUTE OF FISHERIES EDUCATION
(Deemed University)**

Fisheries University Road, Versova, Mumbai – 400 061

TENDER INVITATION NOTICE

F. No. 32(164)/Works/2018-19/NAHEP/5

Dated: 28/01/2019

To

**Name of the work: DEVELOPMENT OF TUNNEL TYPE POLYHOUSE WITH CLIMATE
CONTROL FACILITY AT ICAR-CIFE, ROHTAK CENTER**

INFORMATION & IMPORTANT DATES FOR BIDDERS

Date for Issue/Publishing the tender: From 28/01/2019 at 11.00 hrs.

Last date for receiving the Tender : Up to 1500 hrs. on 11/02/2019

Date of opening of Tender : At 1530 hrs. on 11/02/2019

**Tenders shall be opened in presence of the intended
tenderers**

Date of completion of Work : 30 days from the date of award of work

**Tender Document Charges : Rs.1000/- (Rupees One thousand only) in the form
of(Non-refundable) DD drawn in favour of "ICAR Unit CIFE Mumbai".**

**Earnest Money Deposit (EMD) : Rs. 15,000/- (Rupees Fifteen Thousand only) in the
form of Demand Draft drawn in favour of "ICAR Unit -
CIFE, Mumbai"**

Senior Administrative Officer

INSTRUCTIONS TO BIDDERS AND CONDITIONS OF CONTRACT

SECTION - A

1. Scope of Works: (See BOQ)

The Director, ICAR-Central Institute of Fisheries Education (CIFE), Mumbai invites sealed quotations for the construction of works as detailed in the table given below:

(a) Brief Description of the Works: **DEVELOPMENT OF TUNNEL TYPE POLY-HOUSE WITH CLIMATE CONTROL FACILITY AT ICAR-CIFE, ROHTAK CENTER, ROHTAK, HARYANA STATE**

(b) Approximate value of Works: **Rs. 6,00,000.00 (Rupees Six Lakhs only)**

(c) Period of Completion of Work: **30 days** from the award of work.

The successful bidder will be expected to complete the works by the intended completion date specified above.

2. Qualification of the bidder:

The bidder shall provide qualification information which shall include the following: -

- 2.1 Total monetary value of construction works performed for each year of the last 3 years
- 2.2 Income tax clearance certificate from the concerned IT circle & copy of PAN CARD
- 2.3 Up to date Report on his financial standing
- 2.4 Details of any litigation, current or during the last 3 years in which the bidder is involved, the parties concerned and disputed amount in each case
- 2.5 A copy of Contractor's valid registration with CPWD/ PWD/ MES/ BSNL/ MTNL/ P & T/ All India Radio/ PSU/ Any Other Govt. Organizations.
- 2.6 Demand Draft of any scheduled bank against EMD and Tender Fee.
- 2.7 Copy of Certificate of Registration for GST, Sales Tax / VAT
- 2.8 Experience of two similar natures of works in last three years with satisfactory completion.
- 2.9 A Photostat copy of blank cheque/bank details for making payment.

Above documents are to be attached along with tender document and placed in a sealed envelope, failing which the tender shall be rejected out rightly:

3. To qualify for award of the contract the bidder:

- 3.1 should have satisfactorily completed as a prime contractor at least one similar work of value not less than **Rs. 5,00,000 in the last three years;**
- 3.2 should possess valid Civil/electrical license for executing building civil/electrification works (in the event of the works being sub - contracted, the sub-contractor should have the necessary license);
- 3.3 should possess required valid license for executing the water supply/sanitary works (in the event of the works being sub-contracted, the sub-contractor should have the necessary license);

4. Bid Price:

- 4.1 The contract shall be for the whole works as described in the Bill of quantities, drawings and technical specifications. Corrections, if any, shall be made by crossing out, initialling, dating and re writing.
- 4.2 **All duties, taxes , GST, and other levies payable by the contractor under the contract shall be included in the total price.**
- 4.3 The rates quoted by the bidder shall be fixed for the duration of the contract and shall not be subject to adjustment on any account.
- 4.4 The rates should be quoted in Indian Rupees only.

5. Submission of Quotations:

- 5.1 The bidder is advised to visit the site of works at his own expense and obtain all information that may be necessary for preparing the quotation
- 5.2 Each bidder shall submit only one quotation
- 5.3 The quotation submitted by the bidder shall comprise the following
 - (a) Quotation in the format given in **Section - B**
 - (b) Signed Bill of Quantities; and
 - (c) Qualification information form given in **Section - B** duly completed
- 5.4 The bidder shall seal the quotation in an envelope addressed to **"The Director, Central Institute of Fisheries Education, Off Yari Road, Panch Marg, Versova, Andheri (w), Mumbai - 400 061.** The envelope will also bear the following identification:
 - ☉ Quotation for: **DEVELOPMENT OF TUNNEL TYPE POLY-HOUSE WITH CLIMATE CONTROL FACILITY AT ICAR-CIFE, ROHTAK CENTER, ROHTAK, HARYANA STATE**
 - ☉ Do not open before **1530 hours on 11.02.2019**

5.5 Quotations must be received in the office of **the OIC (Works), ICAR-CIFE in a sealed envelope and should be dropped in Tender Box at the office of OIC (Works) not later than the time and date given in the letter of invitation.** If the specified date is declared a holiday, quotations shall be received up to the appointed time on the next working day

5.6 Any quotation received after the deadline of submission of quotations will be rejected and returned unopened to the bidder

6. Validity of Quotation:

Quotation shall remain valid for a period not less than 45 days after the deadline date specified for submission.

7. Opening of Quotations:

Quotations will be opened in the presence of bidders or their representatives who choose to attend on the date and time and at the place specified in the letter of invitation.

8. Information relating to evaluation of quotations and recommendations for the award of contract shall not be disclosed to bidders or any other persons not officially concerned with the process until the award to the successful bidder is announced.

9. Evaluation of Quotations:

The Employer will evaluate and compare the quotations determined to be substantially responsive i.e. which

9.1 meet the qualification criteria specified in clause 3 above;

9.2 are properly signed ; and

9.3 conform to the terms and conditions, specifications and drawings without material deviations.

10. Award of contract:

The Employer will award the contract to the bidder whose quotation has been determined to be substantially responsive and who has offered the lowest evaluated quotation price and who meets the specified qualification criteria.

10.1 Notwithstanding the above, the Employer reserves the right to accept or reject any quotations and to cancel the bidding process and reject all quotations at any time prior to the award of contract.

10.2 The bidder whose bid is accepted will be notified of the award of contract by the Employer prior to expiration of the quotation validity period.

11. Performance Security:

Within **15 days** of receiving letter of acceptance, the successful bidder shall deliver to the ICAR-CIFE the performance security (either a bank guarantee or a bank draft **in favour of the "ICAR Unit-CIFE" payable at Mumbai** for an amount equivalent of **3 % of the contract price**. The Performance Security shall be valid till the expiry of the period of maintenance of the work, specified in clause 12.

12. Period of Maintenance:

The period of Maintenance for the work is six months from the date of taking over possession or one full monsoon period / season whichever occurs later. During the period of maintenance, the contractor will be responsible for rectifying any defects in construction free of cost to the ICAR-CIFE, Mumbai.

- 13.** Purchase of all construction materials including cement and steel as per the specifications (ISI certification marked goods wherever available) shall be the responsibility of the contractor.
- 14.** **Rs.1000/- (Rupees One thousand only)** (non-refundable) towards the cost of Tender Document and **Rs. 15,000.00 (Rupees Fifteen Thousand only)** towards Earnest Money Deposit (EMD) should be paid in the form of crossed demand draft drawn in favour of "**ICAR Unit - CIFE" payable at Mumbai.**"
- 15.** The demand draft in original towards EMD and cost of Tender form must be submitted along with the tender document and are to be placed in a sealed envelope, failing which the Tender will be summarily rejected without any communication.
- 16.** The work shall be executed as per specifications mentioned in BOQ and CPWD's DSR
- 17.** 1% water and electrical charges will be recovered from the bill if supplied by the Department.
- 18.** Any other item to be required at site to complete the work will have to be executed and the same shall be paid as per DSR-2016
- 19.** The EMD of unsuccessful bidders will be returned within 15 days from the date of award of work to successful bidder.
- 20.** **The successful bidder has to pay Security Deposit amounting to 3% of the Contract Price.** The security deposit will be released only after six months from the date of successful completion of work.
- 21.** The defect liability period is 6 months. Any defect arising in the defect liability period is to be rectified by the contractor without any extra cost, failing which the same shall be done departmentally at the "**risk and cost**" of the contractor and the amount of expenditure shall be deducted from the security deposit.

22. The quoted rates should be inclusive of cost of material, carriages, whatsoever, storage, watch and ward, wastages, and all applicable taxes etc. The quoted rates shall not be increased under any circumstances.
23. TDS will be deducted at source from the bill as per rules.
24. The Institute will not supply any tools, equipments, materials storage. The contractor has to make their own arrangement.
25. The EMD submitted by the bidder is liable to be forfeited by the Institute, if the selected firm/bidder fail to commence the work within seven days from the date of receipt of work order.
26. The work shall start within 3 days from the date of award and complete within 30 days failing which a penalty as per prescribed rules / norms of NAHEP shall be imposed. The work must be completed within the specified time period.
27. The material used for renovation must be approved by the officer In-charge (Works)/ site in-charge before using failing which works shall be rejected.
28. The agency has to abide by all rules and regulations pertaining to labour act. The contractor has to take all necessary steps for the welfare measures of labours employed by him at the site.
29. The agency will be fully responsible for providing medical facilities to their labourers in case of any accident, etc. Matters related to labour welfare/problems should be dealt by the contractor only. CIFE, Mumbai shall not be responsible in such matters.
30. Taxes, if any, should be clearly mentioned in the quotation, failing which it will be presumed that the quoted rates are inclusive of all taxes. No additional tax will be allowed if the same is not mentioned in the quotation document.
31. The tenders/bidders in their own interest are instructed to visit the site for understanding the site conditions, nature of work, etc.
32. The Director, CIFE, Mumbai reserves the right to accept or reject any or all tender / all tenders without specifying any reason whatsoever. No correspondence shall be entertained in this regard. The decision of the Director, CIFE, Mumbai shall be final and binding on all concerned in such matters.
33. No additional amount whatsoever shall be paid over and above the quoted amount.
34. Work should be carried out using high standard materials and standard procedure used for construction of Polyhouse for agriculture / aquaculture facilities.
35. For any clarification in design or specifications, bidders may contact Principal Investigator, NAHEP project, ICAR-CIFE, Mumbai during office hours on all working days.

SECTION - B

1. **Format for Qualification Information.**
2. **Format for Submission of Quotation.**
3. **Format of Letter of Acceptance.**

QUALIFICATION INFORMATION

1 For Individual Bidders

1.1 Principal place of business: _____

Power of attorney of signatory of Quotation.
[Attach copy]

1.2 Total value of Civil Engineering construction work performed in the last three years (in Rs. Lakhs)

| | | |
|--|----------|-------|
| | 2015-16_ | _____ |
| | 2016-17_ | _____ |
| | 2017-18 | _____ |

1.3 Work performed as prime contractor (in the same name) on works of a similar nature over the last three years. (May attached as annexure in the same format)

| Particular | I st Year | II nd Year | III rd Year |
|---|----------------------|-----------------------|------------------------|
| Project Name | | | |
| Name of Employer | | | |
| Description of work | | | |
| Contract No. | | | |
| Value of Contact (Rs. Lakhs) | | | |
| Date of issue of work order | | | |
| Stipulated time period of the work | | | |
| Actual date of completion | | | |
| Remarks explaining the reasons of delay/ work completed | | | |

1.4 Existing commitments and on-going works

| Sno. | Particulars | Information |
|-------------|--|--------------------|
| 1 | Description of Work | |
| 2 | Place & State | |
| 3 | Contract No. and Date | |
| 4 | Value of Contract in Rupees in Lakhs | |
| 5 | Stipulated period of completion | |
| 6 | Value of works remaining to be completed | |
| 7 | Anticipated date of completion | |

Proposed sub-contracts and firms involved

| Section of the Work | Value of sub-contract | Sub-Contractor (Name & Address) | Experience in similar work |
|----------------------------|------------------------------|--|-----------------------------------|
| | | | |
| | | | |
| | | | |
| | | | |

1.5 Evidence of access to financial resources to meet the requirement of working capital: cash in hand, lines of credit, etc.

QUOTATION

Description of the works: DEVELOPMENT OF TUNNEL TYPE POLY-HOUSE WITH CLIMATE CONTROL FACILITY AT ICAR-CIFE ROHTAK CENTER, ROHTAK

To:

Subject: **DEVELOPMENT OF TUNNEL TYPE POLY-HOUSE WITH CLIMATE CONTROL AT ICAR-CIFE, ROHTAK CENTER, ROHTAK**

Reference : Letter No.....dated.....from.....

Sir

We offer to execute the Works described in your letter referred to above in accordance with the Conditions of Contract enclosed therewith **at (%) percentage above / below/at par the estimated cost/rates, i.e., for a total Contract Price of -**

Rs. _____ [in figures]

Rs. _____ [in words].

This quotation and your written acceptance of it shall constitute a binding contract between us. We understand that you are not bound to accept the lowest or any quotation you receive.

We hereby confirm that this quotation is valid for 45 days as required in Clause 6 of the Instructions to Bidders.

Yours faithfully,

Authorized Signature: _____ Date: -----

Name & Title of Signatory: -----

Name of Bidder: -----

Address: -----

BILL OF QUANTITIES

ICAR-CENTRAL INSTITUTE OF FISHERIES EDUCATION
(DEEMED UNIVERSITY, ICAR), MUMBAI – 400 061

COST ESTMATE

NAME OF THE WORK: DEVELOPMENT OF TUNNEL TYPE POLYHOUSE WITH CLIMATE
CONTROL FACILITY AT ICAR-CIFE, ROHTAK CENTER

| Sno. | Technical Specifications Size & Qty. | Rate (Rs.) | Per | Amount (Rs.) |
|-------|---|------------|-----|--------------|
| 1 | Construction / Development of tunnel type with climate control Polyhouse as per the specifications described below: | 3,000.00 | Sqm | 6,00,000.00 |
| (i) | Overall size of Polyhouse: 20 x 10 m = 200 m² including 2 ante rooms | | | |
| (ii) | Basic Infrastructure & Super Structure: GI pipe framed structure — GI columns having outer diameter (OD) 76 mm and standard spacing between columns, GI truss with GI pipes of diameter 60 mm, and top arch with 32 mm diameter pipes, GI purlins / member with 42 mm diameter and 2mm thickness overall, ISI standard heavy gauge GI Pipes anti-corrosive, humidity resistant, etc. Foundation: 60 to 76 mm diameter with 3 mm thickness, columns should be embedded in rich concrete (1 : 1.5 : 3 design mix) with base plate etc. complete. Screw & nut Bolt: Hot Dip GI nuts bolt and self-drill screw to be provided. | | | |
| (iii) | Structure Size : Side Height 3.0 meter, Top Height : 4 meter, Grid Size : 8 m x 4 m (as shown in Plan) | | | |
| (iv) | Cladding Material: High quality UV stabilized LDPE Sheet 200 micron thickness with Anti dust, anti drip properties. Ventilation: Two side ventilation up to a height of 2 m | | | |
| (v) | Poly Locks: Poly lock GI profile should be provided in zig-zag pattern to withstand a wind speed up to a maximum of 150 Km/hrs. | | | |

| | | | | |
|--------|--|--|--|--|
| (vi) | Entrance Room & Door: 2 Anti Rooms with Double Door Entry, Door Should be made of heavy gauge Aluminum Frame (ISI make) With Polycarbonate Sheet. Opening and Closing: Sliding Type. | | | |
| (vii) | Shade Net & Insect Net: UV stabilized 50% shading net for roof level preferably automatically operated. The size of shade net should be equal to floor area of the greenhouse | | | |
| (viii) | Gutter height with Slope: Gutter Height should be 3.0 meter from foundation level. Slope should be provided to the Structure frame in Civil Foundation Work as per requirement | | | |
| (ix) | For effective cooling inside the green house, Exhaust Fans having galvanized steel box frame each having capacity of minimum 16000 CFM. The number of Fans shall be calculated as per the requirement so as to maintain temperature inside the green house at 24-30 ⁰ C | | | |
| (x) | Evaporative Cooling System (ECS): Fan & Pad system with Cellulose Pads to acquire proper CFM of air movement per sq.ft of area should be provided. Water delivery through distribution pipe should be ensured and axial flow fans as per requirement to maintain temperature within 24-30 ⁰ C throughout. Control head for water circulating system has to be provided and has to be mentioned | | | |
| (xi) | Fogging system: Lateral pipes at a spacing of 3 m and make 4 ways with antileak distance foggers at spacing of 3 meter. Control head for fogging system Sand Filter & Disc Filters having capacity required for above system. | | | |
| (xii) | Powder coated Panel box including digital timer, MCB, contactors, relays, auto starter, auto manual switch, voltmeter, wiring. | | | |
| (xiii) | Foundation: RCC pillar 40 cm diameter with 90 cm below actual ground level. The foundation to be strong (rich mix of 1:1.5:3) enough to support the structure even at higher wind speed. | | | |
| (xiv) | Wiring: The entire electrical work shall be certified by licensed electrical engineer and preferred to have ISI certified wiring materials. Work also includes all light | | | |

| | | | | |
|------|--|--|--|--|
| | fittings, fans etc. wherever necessary as per standard design procedure of ploy house. | | | |
| (xv) | The floor leveling and floor lining with suitable material is preferred | | | |

Gross Total: Rs. 6,00,000.00

We agree to execute the works in accordance with the approved drawings and technical specifications at ----- **percentage above / below / at par** of the estimated rates i.e. for a total contract price of Rs. ----- (amount in figures) (Rupees-

-----only (amount in words)

Signature of Contractor