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**ICAR-INDIAN INSTITUTE OF HORTICULTURAL RESEARCH
HESSARAGHATTA LAKE POST, BANGALORE-560 089**

We have a requirement of the goods and services as indicated below. You are invited to submit your most competitive quotation / Tender for the same. All the relevant details are given below.

NOTICE INVITING TENDER (TWO BID SYSTEM) THROUGH E-PROCUREMENT TOWARDS - Installation of naturally ventilated polyhouse (21x25m) at Central Horticultural Experiment Station, Bhubaneswar

The tender document contains the following:-

- Annexure-I - “Specification and other details”
- Annexure II – “Instructions for Online Bid Submission”
- Annexure III – “Tender Acceptance Letter”

Tender Enquiry No. :F.No.5-126/2019-20/SP/Installation of naturally ventilated polyhouse /	
Date and Time for Issue/Publishing	21.01.2020 at 12:00PM
Document Download Date and Time	21.01.2020 at 12:00PM
Bid Submission start Date and Time	21.01.2020 at 12:00 PM
Bid Submission End Date and Time	10.02.2020 at 03.00 PM
Date and Time for Opening of Bids	12.02.2020 at 11.00AM

IMPORTANT NOTES:-

- i. Tender Documents can be downloaded from IIHR website www.iihr.res.in or from the Central Public Procurement Portal www.eprocure.gov.in. Bidders should enroll / register in the e-procurement module of Central Public Procurement Portal through the website : www.eprocure.gov.in for participating in the bidding process. Bidders should also possess a valid DSC for online submission of bids.
- ii. **Bids received on e-tendering portal only will be considered. Bids in any other form sent through sealed cover/email/post/fax etc. will be rejected.**
- iii. The Director, IIHR reserves the right to accept / reject any or all the tenders in part /full without assigning any reason thereof.
- iv. IIHR will not be responsible for any delay in enrollment / registration as bidder or submitting /uploading the offer on e-tender portal. Hence, bidders are advised to register in e-tendering website www.eprocure.gov.in and enroll their Digital Signature Certificate and upload their quotation well in advance.
- v. Any change / corrigendum/ extension of opening date in respect of this tender shall be issued through websites only and no press notification will be issued in this regard. Bidders are therefore requested to regularly visit our website for updates.
- vi. The tender form/bidder documents may be downloaded from the website: <https://eprocure.gov.in/eprocure/app>. Online submission of Bids through Central Public Procurement Portal (<https://eprocure.gov.in/eprocure/app>) is mandatory. Manual bids shall not be accepted.

- vii. Tenderers/bidders are requested to visit the website <https://eprocure.gov.in/eprocure/app> regularly. Any changes/modifications in tender enquiry will be intimated by corrigendum through this website only.
- viii. In case, any holiday is declared by the Government on the day of opening, the tenders will be opened on the next working day at the same time. The Ministry reserves the right to accept or reject any or all the tenders.

The Firms are required to furnish / upload copies of the following documents and declaration duly accepted & signed Technical Cover:-

1. Scanned copy of Firm's Registration under Shops and Establishment Act/ copy of the documents Registered with KPWD/CPWD/MES/Railways/PWD etc.
2. PAN Card copy
3. GST Number with Registration Certificate
4. Bank details of the firm.
5. Scanned copy of similar contracts in Government Departments/PSU/Undertaking/Universities Institutes.
6. Income Tax for the last three years (2015-16, 16-17, 17-18 or 2016-17, 17-18, 18-19)
7. Profit and loss account & Balance Sheet which are audited & duly certified by the Chartered Accountant for the last three years.
8. Turnover of the business should be Rs.18.00 Lakhs per year, to be certified by Chartered Accountant as per Balance Sheets used for ITR filing.
9. Experience of having successfully completed similar works during last 5 years ending last day of month previous to the one in which applications are invited should be either of the following:
 - a) Three similar completed works costing not less than the amount i.e. Rs.2,40,000 /- (or)
 - b) Two similar completed works costing not less than the amount i.e. Rs.3,00,000/- (or)
 - c) One similar completed work costing not less than the amount cost i.e. Rs.4,80,000/-
(Similar work concepts means Construction of polyhouse, Complete structure should be made from Galvanized tubular steel pipes, Manually operated poly sheet rolling system, Providing and laying cement concrete.)
10. MSME exemption certificate / Earnest Money Deposit is compulsory.
11. Tender Acceptance letter is mandatory.

Declaration as follows:

- a) We agree to supply the above goods and allied services. We confirm that the same will meet the description, specification and other technical details as required in the tender enquiry.
- b) We conform that we agree to all other terms and conditions of your tender enquiry including the terms of delivery, period of delivery and warranty provision.
- c) We have furnished all the information, as required in the tender enquiry and attached the relevant documents.
- d) In case a tenderer desires to put some additional/modified stipulations, terms and conditions etc. the same may be clearly indicated.
- e) We confirm that our offer will remain valid for acceptance for 180days after the date of opening of tenders.

Sd/-
CHIEF ADMINISTRATIVE OFFICER



ಭಾರತೀಯ ತೋಟಗಾರಿಕೆ ಸಂಶೋಧನಾ ಸಂಸ್ಥೆ
भारतीय बागवानी अनुसंधान संस्थान
INDIAN INSTITUTE OF HORTICULTURAL RESEARCH (ICAR)
ಹೆಸರಗಟ್ಟು ಕೆರೆ ಅಂಚೆ, ಬೆಂಗಳೂರು-೫೬೦೦೮೯.
ಹೆಸರಗಟ್ಟು ಲೇಕ ಪೋಸ್ಟ್, ಬೆಂಗಳೂರು - 560 089
HESSARGHATTA LAKE POST, BANGALORE - 560 089



F.No.5-126/2019-20/SP / Installation of naturally ventilated polyhouse/

Dt:21.01.2020

Sir,

You are invited to submit your most competitive quotation for the following works:-

Sl. No.	BRIEF DESCRIPTION OF THE WORKS	EMD
1.	Installation of naturally ventilated polyhouse (21x25m) at Central Horticultural Experiment Station, Bhubaneswar. (Specification : Enclosed Annexure -I)	Rs.12,000/-

To assist you in the preparation of your Quotation, we are furnishing the following details:-

1. The Contract shall be for the whole works as described in the specifications, Corrections if any shall be made by crossing out initialing, dating and reviewing.
2. **The CGST, SGST & IGST Rates and amount should be shown separately in the quotation along with GST Number otherwise quotation will be rejected.**
3. The Rates quoted by the Bidder shall be valid at least for a period of not less than **180 Days.**
4. The rates quoted by the bidder shall be fixed for the duration of the Contract and shall not be subject to escalation / adjustment on any account.
5. The bidder is advised to visit the site of works at his own expenses and obtain all information that may be necessary for preparing the quotation. Submission of quotation is acceptance by the tenderer that he has inspected the site or he is aware of all the conditions.
6. Each Bidder shall submit only one Quotation.
7. Notwithstanding the above, the IIHR 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.
8. No advance or part payment will be given. Payment will be arranged only after satisfactory completions of the work duly certified by the works unit of IIHR.
9. Quotations should be submitted along-with Earnest Money Deposit (Interest Free) of **Rs.12,000/-** for the above item by way of Demand Draft drawn in favour of the Director, Indian Institute of Horticultural Research, Bangalore 89 payable at State Bank of India, Hesaraghatta Branch, Bangalore 89. Quotations without EMD or insufficient EMD will not be considered. The EMD will be liable to be forfeited, if the Contractor/Agency withdraws or amend, impairs, or derogates the Quotation, in any respect within the period of validity of this Quotation. **(If any firm/Contractor has EMD exemption, they must attach copy of exemption certificate with quotation).**

10. EMD of unsuccessful agency/contractor (except L1, L2 & L3) remitted in the form of DD will be returned to the concerned contractor without any interest thereon, as early as possible.
11. The EMD amount is to be deposited in the tender box with superscription before due date.
12. The Successful Bidder shall have to deliver the performance security either by a Bank Guarantee or a Bank Draft in favour of the Director IIHR, for an amount equivalent of 10% of the Contract price. The Performance Security shall be valid till the expiry of the period/ maintenance of work.
13. Income tax will be deducted from the total bill of the executing agency/contractor as per govt. Rate.
14. For water & Electricity supplied by this institute 2% of the cost shall be recovered.
15. Penalty will be imposed at 0.50% per week maximum to 10% of the total cost of work, if works are not completed within scheduled item or mutually extended period. The Director, IIHR, may cancel the contract and take recourse to such other action as deemed appropriate once the total amount of liquidated damages exceeds 10% of the contract amount.
16. **The bill is to be submitted in triplicate in GST prescribed Proforma with details of CGST,SGST and IGST rates, amount and GST number.**

Important Instructions:-

All are requested to furnish the required important documents, failing which the bid will be rejected without any notice.

You are requested to provide your offer latest by **10.02.2020 upto 3.00 PM** through CPPP only.

Encl: As above.

Sd/-
CHIEF ADMINISTRATIVE OFFICER

ANNEXURE – I
Installation of naturally ventilated polyhouse (21x25m) at Central Horticultural Experiment Station, Bhubaneswar

Name of the item	Quantity
Installation of naturally ventilated polyhouse (21x25m) at Central Horticultural Experiment Station, Bhubaneswar	01 (one)

Encl: brief technical specifications

Brief technical specifications

S. N	Item	Description / Specification
1	Size	21x25m
2	Grid size	8 m x 4 m
3	Area	500 Sqm
4	Gutter height	4.0 m
5	Ridge height	6.0 m
6	Gutter slope	1-2 % to drain rain water without clogging
7	Columns	76mm OD or equivalent section 2mm thick/ 60x60mm
8	Side corridor	2-2.5m wide all sides
9	Buffer room	of size 2.5m x 2m with double door, outer door hinge type lockable of size 1m x 2m and other sliding door of size 1.2 m x 2 m made of GI sq. pipe and polycarbonate sheets mounted on suitable strong frame with provision of ventilation Fan & Light, CC floor, foot bath, shade net also to be fixed on roof of entry room
10	Structure	Complete structure should be made from Galvanized tubular steel pipes or equivalent section confirming Indian standards having wall thickness 2mm, structural member should be joined properly.
11	Balcony	60mm OD or equivalent section 2mm thick/ 48x48mm
12	Purlins	42mm OD or equivalent section 2mm thick/ 32x32mm
	Purlin Member & others	35/25mm or equivalent section 2mm thick/ 32x32mm
13	Trusses	Bottom cord 60mm OD or equivalent section 2mm thick
	Trusses Member	Arc 48mm OD or equivalent section 2mm thick
14	Glazing	With 200 micron five layer UV Stabilized, Anti drip, Diffused, Poly sheet. Make: Ginegar/equivalent
15	Locking profile	Aluminium locking profile and plastic coated zigzag spring
16	Bracing	Bracing 33 mm round /2 mm thick
17	Shade net	UV stabilized net 50 % (green/white colour) inside green house with collapsible arrangement
18	Rain water harvesting	Provision of gutter in centre and sides with PVC pipe for collection of roof rain water of size 110 mm connected from funnel at gutter level up to the ground and further connected to rain water harvesting tank

19	Fogging system	It consists of overhead, four way anti leak foggers with 28-30 Iph discharge which give very fine droplet size at spacing 2.5 m x 2.5 m, PVC pipes of 6 kg/cm ² pressure rating of various sizes, air release valve, PVC ball valves, poly elbow, poly joiner, separate sub-line of PVC pipe for flushing with flush valve, plastic disc filter, fitting and accessories.
20	Roof Sprinkler	Provision of roof sprinkler system 50-75Iph at spacing 3-4 m as it will help to attain extra cooling by maintaining the roof cool and also for washing roof sheets PVC ball valves, connected to common pump & filtration unit
21	Side Ventilation	Manually operated poly sheet rolling system two opposite sides along the length of the green house protected by UV stabilized 40 mesh
22	Roof ventilation	Top (Roof vent): Top vent minimum of 100 cm of vertical gap. Covered with UV stabilized insect proof net of 40 mesh overlap of top arch and bottom arch to avoid direct rain entering into the greenhouse from the vent. Additional vent on roof: by providing specially designed profile frame made of aluminium 6pprox. size 1.3m x.6m easy openable/ closing, good connectivity runner members to fix the film without leakage (2 on each upper arc)
23	Foundation for columns	Construction of foundation for main column, mid column, corridor and door in CM ratio 1:2:4 of size of 0.35 m x 0.35 m x 0.8 m
24	Micro Irrigaton	Motor, Pump and filtration unit with mains, submains, laterals. Pump should also serve to fogging system and Roof sprinkler. Complete assembly connected to 3000 L Syntex tank.

Sd/-
CHIEF ADMINISTRATIVE OFFICER

INSTRUCTIONS FOR ONLINE BID SUBMISSION:

As per the directives of Department of Expenditure, this tender document has been published on the Central Public Procurement Portal (URL: <http://eprocure.gov.in>). The bidders are required to submit soft copies of their bids electronically on the CPP Portal, using valid Digital Signature Certificates. The instructions given below are meant to assist the bidders in registering on the CPP Portal, prepare their bids in accordance with the requirements and submitting their bids online on the CPP Portal.

More information useful for submitting online bids on the CPP Portal may be obtained at:

<https://eprocure.gov.in/eprocure/app>

REGISTRATION:

- 1) Bidders are required to enroll on the e-Procurement module of the Central Public Procurement Portal (URL: <https://eprocure.gov.in/eprocure/app>) by clicking on the link “Click here to Enroll”. Enrolment on the CPP Portal is free of charge.
- 2) As part of the enrolment process, the bidders will be required to choose a unique username and assign a password for their accounts.
- 3) Bidders are advised to register their valid email address and mobile numbers as part of the registration process. These would be used for any communication from the CPP Portal.
- 4) Upon enrolment, the bidders will be required to register their valid Digital Signature Certificate (Class II or Class III Certificates with signing key usage) issued by any Certifying Authority recognized by CCA India (e.g. Sify / TCS / nCode / eMudhra etc.), with their profile.
- 5) Only one valid DSC should be registered by a bidder. Please note that the bidders are responsible to ensure that they do not lend their DSCs to others which may lead to misuse.
- 6) Bidder then logs in to the site through the secured log-in by entering their userID / password and the password of the DSC / eToken.

SEARCHING FOR TENDER DOCUMENTS:

- 1) There are various search options built in the CPP Portal, to facilitate bidders to search active tenders by several parameters. These parameters could include Tender ID, organization name, location, date, value, etc. There is also an option of advanced search for tenders, wherein the bidders may combine a number of search parameters such as organization name, form of contract, location, date, other keywords etc. to search for a tender published on the CPP Portal.
- 2) Once the bidders have selected the tenders they are interested in, they may download the required documents / tender schedules. These tenders can be moved to the respective „My Tenders“ folder. This would enable the CPP Portal to intimate the bidders through SMS / e-mail in case there is any corrigendum issued to the tender document.
- 3) The bidder should make a note of the unique Tender ID assigned to each tender, in case they want to obtain any clarification / help from the Helpdesk.

PREPARATION OF BIDS:

- 1) Bidder should take into account any corrigendum published on the tender document before submitting their bids.
- 2) Please go through the tender advertisement and the tender document carefully to understand the documents required to be submitted as part of the bid. Please note the number of covers in which the bid documents have to be submitted, the number of documents – including the names and content of each of the document that need to be submitted. Any deviations from these may lead to rejection of the bid.
- 3) Bidder, in advance, should get ready the bid documents to be submitted as indicated in the tender document / schedule and generally, they can be in PDF / XLS / RAR / DWF formats. Bid documents may be scanned with 100 dpi with black and white option.
- 4) To avoid the time and effort required in uploading the same set of standard documents which are required to be submitted as a part of every bid, a provision of uploading such standard documents (e.g. PAN card copy, annual reports, auditor certificates etc.) has been provided to the bidders. Bidders can use “My Space” area available to them to upload such documents. These documents may be directly submitted from the “My Space” area while submitting a bid, and need not be uploaded again and again. This will lead to a reduction in the time required for bid submission process.

SUBMISSION OF BIDS:

- 1) Bidder should log into the site well in advance for bid submission so that he/she upload the bid in time i.e. on or before the bid submission time. Bidder will be responsible for any delay due to other issues.
- 2) The bidder has to digitally sign and upload the required bid documents one by one as indicated in the tender document.
- 3) A standard BoQ format has been provided with the tender document to be filled by all the bidders. Bidders are requested to note that they should necessarily submit their financial bids in the format provided and no other format is acceptable. Bidders are required to download the BoQ file, open it and complete the white coloured (unprotected) cells with their respective financial quotes and other details (such as name of the bidder). No other cells should be changed. Once the details have been completed, the bidder should save it and submit it online, without changing the filename. If the BoQ file is found to be modified by the bidder, the bid will be rejected.
- 4) The serve time (which is displayed on the bidders’ dashboard) will be considered as the standard time for referencing the deadlines for submission of the bids by the bidders, opening of bids etc. The bidders should follow this time during bid submission.
- 5) All the documents being submitted by the bidders would be encrypted using PKI encryption techniques to ensure the secrecy of the data. The data entered cannot be viewed by

unauthorized persons until the time of bid opening. The confidentiality of the bids is maintained using the secured Socket Layer 128 bit encryption technology. Data storage encryption of sensitive fields is done.

- 6) The uploaded tender documents become readable only after the tender opening by the authorized bid openers.
- 7) Upon the successful and timely submission of bids, the portal will give a successful bid submission message & a bid summary will be displayed with the bid no. and the date & time of submission of the bid with all other relevant details.
- 8) The bid summary has to be printed and kept as an acknowledgement of the submission of the bid. This acknowledgement may be used as an entry pass for any bid opening meetings.

ASSISTANCE TO BIDDERS:

- 1) Any queries relating to the tender document and the terms and conditions contained therein should be addressed to the Tender Inviting Authority for a tender or the relevant contact person indicated in the tender.

Any queries relating to the process of online bid submission or queries relating to CPP Portal in general may be directed to the 24x7 CPP Portal Helpdesk. The contact number for the helpdesk is 1800 233 7315.

For any technical related queries please call the Helpdesk, Mobile Number -

+91 8826246593 Tel: The 24 x 7 Help Desk Number 0120-4200462, 0120-4001002.

E-mail: support-eproc[at]nic[dot]in

Note: Bidders are requested to kindly mention the URL of the Portal and Tender Id in the subject while emailing any issue along with the Contact details.

Sd/-

CHIEF ADMINISTRATIVE OFFICER

TENDER ACCEPTANCE LETTER
(To be given on Company Letter Head)

To,

Date:

Sub: Acceptance of Terms & Conditions of Tender.

Tender Reference No: _____

Name of Tender / Work: -

Dear Sir,

1. I / We have downloaded / obtained the tender document(s) for the above mentioned 'Tender/Work' from the web site(s) namely:

as per your advertisement, given in the above mentioned website(s).

2. I / We hereby certify that I / we have read the entire terms and conditions of the tender documents from Page No. _____ to _____ (including all documents like annexure(s), schedule(s), etc .,), which form part of the contract agreement and I / we shall abide hereby by the terms / conditions / clauses contained therein.

3. The corrigendum(s) issued from time to time by your department/ organisation too have also been taken into consideration, while submitting this acceptance letter.

4. I / We hereby unconditionally accept the tender conditions of above mentioned tender document(s) / corrigendum(s) in its totality / entirety and also declare as per (a) to (e) on page no.2.

5. I / We do hereby declare that our Firm has not been blacklisted/ debarred by any Govt. Department/Public sector undertaking.

6. I / We certify that all information furnished by the our Firm is true & correct and in the event that the information is found to be incorrect/untrue or found violated, then your department/ organization shall without giving any notice or reason therefore or summarily reject the bid or terminate the contract , without prejudice to any other rights or remedy including the forfeiture of the full said earnest money deposit absolutely.

Yours Faithfully,

(Signature of the Bidder, with Official Seal)

