



अनुरक्षण एवं अभियांत्रिकी इकाई
MAINTENANCE & ENGINEERING UNIT
भाकृअनुप-भारतीय कृषि अनुसंधान संस्थान
ICAR-INDIAN AGRICULTURAL RESEARCH INSTITUTE
नई दिल्ली-१२
NEW DELHI-12.



No. 28-46/19-20/ME Unit

Dated : 18-02-2020

e-TENDER NOTICE

Online quotation are hereby invited on behalf of the Director, IARI from the Contractors Registered with CPWD, MES, Railways, MCD, PWD or other Central/State Govt./Semi Govt. The contractor must have valid PAN and GST registration number and having experience of two similar nature of works in last three years for the work mentioned below:

| Name of work & location | Estimated cost (₹) | Earnest Money (₹) | Last date & time of bid submission | Date & time of bid opening |
|--|-----------------------|----------------------|--|--------------------------------------|
| Construction of containment facility for the hybrid and nursery plants, Division of Fruits & Horticultural Technology at IARI PUSA, New Delhi-12. | ₹ 9,92,837.00 | ₹ 20,000.00 | Upto 14:30 hours 11.03.2020 | 12.03.2020 at 15:00 hours |

EMD of ₹ 20,000/- (Rupees Twenty Thousand Five Hundred Only) should be in the form of D.D./Pay Order/Fixed Deposit Receipt/Bank Guarantee from commercial bank drawn in favour of **Director, IARI** payable at New Delhi. The original EMD should be submitted to the Tender Inviting Authority on or before the last date and time of online bid submission. The details of D.D./Pay Order/Fixed Deposit Receipt/Bank Guarantee physically sent, should tally with the details available in the scan copy and the data enter during the online bid submission time otherwise the uploaded bid will be rejected.

The Online Tender Documents can also be view from the IARI Website www.iari.res.in. & www.eprocure.gov.in. **Demand Draft/Pay Order in favour of Director IARI for ₹500/- (Rupees Five Hundred Only)** must be submitted to the Tender Inviting Authority on or before the last date and time of online bid submission. The details of D.D./Pay Order/ physically sent, should tally with the details available in the scan copy and the data enter during the online bid submission time otherwise the uploaded bid will be rejected.

Asstt. Admn. Officer (Works)

Construction of containment facility for the hybrid and nursery plants, Division of Fruits & Horticultural Technology at IARI PUSA, New Delhi-12.

| S. No. | Item | Technical Specification | Qty. | Unit | price | Amount |
|--------|----------------------------|---|------|------|-------|--------|
| 1 | Structure | Complete roof and side structure made of hollow GI section size 2mm thickness. | | | | |
| | | 48 X 48 mm | 186 | Rm | 350 | 65100 |
| | | 38 X 38mm | 66 | Rm | 328 | 21648 |
| | | 32 X 32mm | 240 | Rm | 306 | 73440 |
| 2 | Cladding | Structure roof, side front & back truss will be covered with U. V. Stabilized both side Polycarbonate sheets 8mm thick triple wall. Glazing material should be of reputed make of Lexan or Sabic or equivalent. | 257 | sqm | 1180 | 303260 |
| 3 | Aluminium Profile | Aluminum locking profile and fastener. U.L.Temp. rating 100 degree C. All the joints of sheet duly filled with silicon sealant sealed and other adhesive to Avoid Air leakage. | 130 | Rm | 130 | 16900 |
| 4 | Door | Double Door, Hinge type lockable doors of size 1m X 2m made of Polycarbonate sheet 6mm double wall sheets mounted in suitable strong frame. | 2 | nos. | 9600 | 19200 |
| 5 | Ridge | Made of GI Sheet of 1 mm thick of 600mm wide. | 16 | Rm | 160 | 2560 |
| 6 | Exhaust Fan | It Consists of 40" Axial fan with 600rpm, 2 no. of Stainless steel blades with 1 hp motor belt drive with Galvanized body with louvers. | 2 | nos. | 38900 | 77800 |
| 7 | Cooling Pad | It Consists of cellulose cooling pad of size height 1.5m and 100mm thick size, along with water circulation systems including Galvanized water collecting gutter, profiles to fix pads, Fitting and Accessories. | 10.5 | sqm | 4000 | 42000 |
| 8 | Water Tank | PVC double layer water tank 500 liter of approved quality, as per the direction of engineer-in-charge. | 2 | nos. | 4800 | 9600 |
| 9 | Pump | Monoblock pump of 1HP, 40mm section for cooling pad. | 2 | nos. | 9600 | 19200 |
| 10 | Water distribution System. | PVC water distribution system for cooling pad with 1" screen filter. | 1 | set | 15800 | 15800 |
| 11 | Insect Net | Nylon insect Net 40 Mesh on cooling pad outside. | 13 | sqm | 130 | 1690 |
| 12 | Shade Net | White/Green colour, 50% shading net with manual collapsible mechanism below gutter level. | 125 | sqm | 148 | 18500 |
| 13 | Control panel | It consists of electrical control panel (indian), which consist of MCB, relay, Contractors, Three way switch, Volt meter, RYB indicator with temperature and humidity sensor to operate fogging system and cooling system in Auto mode. | 1 | nos. | 48500 | 48500 |
| 14 | Electrical Fitting | Complete electrical wiring with copper wire, MCB/Main switch, light/powe points/ contactor for pump/ fans as per requirement, cabling (aluminum) 10mtr. | 1 | set | 19000 | 19000 |
| 15 | Fogging system | It consists of overhead, four way anti-leak foggers with 22-28 lph discharge which gives very fine drop lest size at spacing 2.5m X 2.5m, PVC pipe of 6 kg/cm2 pressure rating of various sizes, Air Release valve, PVC ball valves Flush valves for flushing of sub-man, plastic Disc Filter, fitting and Accessories. | 1 | set | 39000 | 39000 |
| 16 | Foundatin | Excavation of vertical poles including CC 1:2:4 (30 X 30 X75cm) below G.L. | 28 | each | 540 | 15120 |

| | | | | | | |
|--------------|--------------|---|------|-----|-------|---------------|
| 17 | Curtain wall | All side of the green house 23cm wide 60cm above ground level with 30cm below ground level and duly plastered and painted. | 10.5 | cum | 6000 | 63000 |
| 18 | PCC | Foundation and with PCC base 30 cm wide and length wise (1:4:8) | 11.5 | cum | 5800 | 66700 |
| 19 | Flooring | 50 mm thick CC (1:2:4) with neat cement punning ratio, smooth with proper drainage slope, as per the direction of engineer-in-charge. | 110 | sqm | 498.4 | 54819 |
| TOTAL | | | | | | 992837 |

Subject to be following terms & conditions:-

1. The firm should have minimum experience of 7-8 years for construction of hi-tech Green House (Proof should be enclosed)
2. Samples of polycarbonate sheet/G.I. pipes/Insect net to be submitted.
3. Income Tax, work Tax & work cess as per norms shall be recovered from the bill.
4. 1% water and electrical charges will be recovered from the bill if supplied by the Department.
5. The work shall start within 7 days from the date of award and complete within 3 months failing which a penalty @ 1% per day delay will be imposed on the bill amount maximum upto 10%.
7. All the materials, laboures, T&P etc. required will be arranged by the firms itself.
8. The rates shall remain valid for 90 days from the date of opening of quotations/tenders.
9. A running payment may be made of at the successful completion of work for 1/2nd or more amount of work.
10. The Director, IARI has the right to reject any or all the quotation/tenders without assigning any reason.

Rate to be quoted in figure :.....

In words:.....

I/C (W) & CTO

S.T.A.(C)

Special Instructions to the Contractors/Bidders for the e-submission of the bids online through this e-Procurement Portal

1. Bidder should do Online Enrolment in this Portal using the option Click Here to Enroll available in the Home Page. Then the Digital Signature enrolment has to be done with the e-token, after logging into the portal. The e-token may be obtained from one of the authorized Certifying Authorities such as eMudhraCA/GNFC/IDRBT/MtnTrustline/SafeScript/TCS.
2. Bidder then logs into the portal giving user id / password chosen during enrolment.
3. The e-token that is registered should be used by the bidder and should not be misused by others.
4. DSC once mapped to an account cannot be remapped to any other account. It can only be Inactivated.
5. The Bidders can update well in advance, the documents such as certificates, purchase order details etc., under My Documents option and these can be selected as per tender requirements and then attached along with bid documents during bid submission. This will ensure lesser upload of bid documents.
6. After downloading / getting the tender schedules, the Bidder should go through them carefully and then submit the documents as per the tender document, otherwise, the bid will be rejected.
7. The BOQ template must not be modified/replaced by the bidder and the same should be uploaded after filling the relevant columns, else the bidder is liable to be rejected for that tender. Bidders are allowed to enter the Bidder Name and Values only.

8. If there are any clarifications, this may be obtained online through the e-Procurement Portal, or through the contact details given in the tender document. Bidder should take into account of the corrigendum published before submitting the bids online.
9. Bidder, in advance, should prepare the bid documents to be submitted as indicated in the tender schedule and they should be in PDF/XLS/RAR/DWF formats. If there is more than one document, they can be clubbed together
10. Bidder should arrange for the EMD as specified in the tender. The original should be posted/couriered/given in person to the Tender Inviting Authority, within the bid submission date and time for the tender
11. The bidder reads the terms and conditions and accepts the same to proceed further to submit the bids.
12. The bidder has to submit the tender document(s) online well in advance before the prescribed time to avoid any delay or problem during the bid submission process.
13. There is no limit on the size of the file uploaded at the server end. However, the upload is decided on the Memory available at the Client System as well as the Network bandwidth available at the client side at that point of time. In order to reduce the file size, bidders are suggested to scan the documents in 75-100 DPI so that the clarity is maintained and also the size of file also gets reduced. This will help in quick uploading even at very low bandwidth speeds.
14. It is important to note that, the bidder has to Click on the Freeze Bid Button, to ensure that he/she completes the Bid Submission Process. Bids Which are not Frozen are considered as Incomplete/Invalid bids and are not considered for evaluation purposes.
15. In case of Offline payments, the details of the Earnest Money Deposit(EMD) document submitted physically to the Department and the scanned copies furnished at the time of bid submission online should be the same otherwise the Tender will be summarily rejected.
16. The Tender Inviting Authority (TIA) will not be held responsible for any sort of delay or the difficulties faced during the submission of bids online by the bidders due to local issues.
17. The bidder may submit the bid documents online mode only, through this portal. Offline documents will not be handled through this system.
18. At the time of freezing the bid, the e-Procurement system will give a successful bid updation message after uploading all the bid documents submitted and then a bid summary will be shown with the bid no, date & time of submission of the bid with all other relevant details. The documents submitted by the bidders will be digitally signed using the e-token of the bidder and then submitted.
19. After the bid submission, the bid summary has to be printed and kept as an acknowledgement as a token of the submission of the bid. The bid summary will act as a proof of bid submission for a tender floated and will also act as an entry point to participate in the bid opening event.
20. Successful bid submission from the system means, the bids as uploaded by the bidder is received and stored in the system. System does not certify for its correctness.
21. The bidder should see that the bid documents submitted should be free from virus and if the documents could not be opened, due to virus, during tender opening, the bid is liable to be rejected.
22. The time that is displayed from the server clock at the top of the tender Portal, will be valid for all actions of requesting bid submission, bid opening etc., in the e-Procurement portal. The Time followed in this portal is as per Indian Standard Time (IST) which is GMT+5:30. The bidders should adhere to this time during bid submission.
23. All the data being entered by the bidders would be encrypted at the client end, and the software uses PKI encryption techniques to ensure the secrecy of the data. The data entered will not be viewable by unauthorized persons during bid submission and not viewable by any one until the time of bid opening. Overall, the submitted bid documents become readable only after the tender opening by the authorized individual.
24. During transmission of bid document, the confidentiality of the bids is maintained since the data is transferred over secured Socket Layer(SSL) with 256 bit encryption technology. Data encryption of sensitive fields is also done.
25. The bidders are requested to submit the bids through online eProcurement system to the TIA well before the bid submission end date and time (as per Server System Clock).

List of Documents to be scanned and uploaded within the period of bid submission:

1. Demand draft / Pay order / FDR / Bank Guarantee of any Scheduled Bank against EMD.
2. Receipt of EMD & Tender Fee.
3. Certificate of Registration for GST.
4. Copy of PAN.
5. Enlistment of CPWD, MES, Railways, MCD, PWD or other Central/State Govt./Semi Govt.
6. Experience of two similar nature of works in last three years.

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NEW DELHI-12.**

No. - / - /ME Unit

Dated :

Prescribed format of receipt of deposition of original EMD/Tender Fee

(This receipt shall also be uploaded with technical bid to the e-tendering website by the intending bidder upto the specified bid submission date and time.)

1. Name of work.....
.....
2. Tender ID
3. Estimated Cost.....
4. Amount of Earnest money deposit.....
5. Last date of submission of bid.....
6. Agency Name
7. EMD (No. & Date)
8. Tender Fee (No. & Date)

**Tender Inviting Authority
ICAR-IARI-ME Unit**

CERTIFICATE TO BE SIGNED BY THE TENDERER

It is certified that I have read and understood and will comply with all instructions contained in Terms & conditions of this tender documents. All pages submitted with this tender document from page ____ to ____ have been filled properly and signed with seal of the firm/company.

Signature of tenderer:

Name in block letters:

Name of firm:

Full address:

.....

i) Telephone No. :

ii) Mobile No. :

iii) Fax No. :

iv) Email ID :

Signature of Tenderer with office seal