



भारतीय कृषि अनुसंधान परिषद,
उत्तरपूर्वी पर्वतीय क्षेत्र अनुसंधान परिसर
उमियम, मेघालय – 793 103
INDIAN COUNCIL OF AGRICULTURAL RESEARCH
ICAR Research Complex for NEH Region
Umiam, Meghalaya – 793 103



File No.RC(S)36/2016

Dated Umiam, the 5th November'2016

Open Tender Notice

Sealed bids are invited for construction and installation of Naturally Ventilated Polyhouse under TSP from the reputed registered firms on behalf of The Director, ICAR Research Complex for NEH Region, Umroi Road, Umiam, Meghalaya – 793103. The detail specifications of the item and terms & conditions etc. are as given below:-

1. The consolidate cost of Tender document **Rs.1,000/-** (Rupees one thousand) only (Non – Refundable) to be deposited in favour of the Director, ICAR Research Complex for NEH Region, Umiam by means of Demand Draft/Banker's cheque payable at State Bank of India, ICAR Complex Branch, Umiam(12464), Meghalaya. Non – submission of the cost of Tender document shall lead to non – consideration of the Tender.
2. Each quotation should consist of two Bids, namely “**Bid I – Techno – commercial bid**” and **Bid II – Financial bid**”. Both must be submitted in two separate envelopes to be sealed, superscribed as ‘Bid I or Bid II’ and **must be put in a single outer main cover**. The single outer main cover should be superscript as “**Tender No.RC(S)36/2016 dt.05/11/2016 for Construction and Installation of Naturally Ventilated Polyhouse under TSP**” and addressed to “THE DIRECTOR, ICAR RESEARCH COMPLEX FOR NEH REGION, UMIAM, MEGHALAYA – 793103 (INDIA)”. The bidding firm should mention their complete address at the bottom left corner of the main cover. The cover letter, cost of the Tender and Earnest money for **Rs.60,000/-** (Rupees sixty thousand) only alongwith all other Technical details should be mandatorily kept in Techno – commercial Bid (Bid I). The Financial Bid (Bid II) should consist of the Rates, their detail break – up etc as mentioned at Annexure I and II. **Non-compliance of these shall lead to non-consideration of the Bid**. Financial bids of technically acceptable firms shall only be considered for further evaluation. The sample format for submitting Techno – commercial Bid and Financial bid are given in Annexure – I and II. Checklist of Bid document is attached as Annexure III and mandatory undertaking by firm is attached as Annexure IV.
3. All Tender should be sent through Registered Post. Tenders to be hand delivered should be put in the Tender Box, kept in the office of the Director, ICAR Research Complex for NEH Region, Umroi Road, Umiam, Meghalaya – 793103. Bid document sent through Email shall not be considered. The tender should reach to the office on or before **28th November, 2016 (Monday) up to 12:30 PM**. Tenders received after due date and time shall not be considered under any circumstance.
4. The Firm should have minimum experience of 8 years of designing, installing and operations of similar works for Institute/Govt. Organizations within NE India. Furnishing of related documents like detailed specifications, technical literature, product certificate, company registration certificate/trade registration certificate, complete supply details of the last 3 years, minimum five similar Work orders with completion certificate etc. is mandatory, failing in which the quotation shall not be considered
5. Dealership /Authorization certificate from the principal firm should be enclosed if the rates are quoted by the dealers/agents.
6. Sales tax certificate, tax clearance (up to date), valid CST/VAT registration certificate, last 3 years financial standing etc. should be enclosed.
7. **Trading license from Autonomous Council of respective district of Meghalaya should be enclosed, wherever applicable!**

8. The rates quoted should be up to State wise (Door delivery) and the construction and installation should be done at various locations (As per Annexure – I & II) within the NEH States. The quoted rate should be in Indian Rupees. The rates must be valid for a minimum period of one year from the date of quotation.
9. Price quoted (in INR) must be given per unit including all packing, forwarding, delivery charges, construction and installation charges, permissible taxes, duties, VAT etc. as may be applicable. The ICAR Research Complex for NEH Region, Umroi Road, Umiam, Meghalaya – 793103, shall not be responsible for payment of transit insurance charges. If needed, necessary Road Permit will be provided by the Institute.
10. All bidders should mandatorily give their valid PAN Card No. (Photocopy of the PAN card to be enclosed), TAN (if any) and Bank A/C details (Name, Account No., Bank, Branch, IFSC Code and MICR Code etc.) along with the bid to enable the office for releasing the dues via e – payment.
11. The Firms shall have to deposit an earnest money of **Rs.60,000/-** (Rupees sixty thousand only) in the form of Demand Draft drawn in favour of the Director, ICAR Research Complex for NEH Region, Umiam – payable at State Bank of India, ICAR Complex branch, Umiam (12464) as bid security along with the quotation. The cost of tender as well as the earnest money along with all other Technical Details should be mandatorily kept in the Techno – commercial Bid only. Non – submission of the earnest money with bid document shall make the quotation liable to be rejected. The earnest money of non – successful bidder will be refunded after bids are finalized. **Government agency and firm registered with Central Purchase Organization, National Small Industries Corporation and Ministry of Micro, Small and Medium Enterprises are exempted from depositing earnest money.** Bidder claiming such exemption must enclose relevant certificate/documents.
12. The firm must have **ISO – 9001 : 2008 and ISI Certificate for Greenhouse and accessories.**
13. **The successful Bidder has to deposit Performance Bank Guarantee (10% of the Supply order amount).** The bank guarantee should cover the entire guarantee/warranty period which should be of at least one year duration. The Earnest Money will be refunded and payment will be released only after receipt of Performance Bank Guarantee.
14. The construction and installation should be completed in time and with F.O.R. NEH States destinations/door delivery. The selected bidder must complete the supply/ installation/demonstration within the stipulated time limit to be mentioned in the supply order. Supply to be made by at supplier's risk otherwise specified. In case the firm fails to execute the construction and installation within the time limit, the bid security would stand forfeited and the supply order shall be deemed to be withdrawn without any notice.
15. The guarantee/warranty should be from the date of installation/completion. Minimum one year warranty certificate has to be invariably furnished. The firm should have their local branch office in North East India.
16. No advance payment/ part payment shall be made against the order. No additional charges above the quoted price shall be entertained. Payment shall be made on successful installation and demonstration (which should be free of cost and must be completed before payment) by the firm/dealer, followed by verification & certification by the concerned official. Bill in triplicate should be submitted through the concerned J.D. & I/c., of the Regional Centre of ICAR/PC of KVKs/HOD Horticulture of the respective places for release of the final payment after successful completion of work.
17. **All bidders shall give an undertaking as given in Annexure IV on their official letter head duly signed along with official seal that they fully and unconditionally agree to abide by all the terms & conditions** which, if needed, may be modified at the discretion of the Competent Authority in supply order, for which confirmation from the supplier shall be taken. Non – submission of the undertaking may lead to rejection/non – consideration of the tender.
18. **The bidders should mandatorily sign on every page of the Tender Document,** which would show their unconditional acceptance of all the terms and conditions of the Tender Document.



19. The Institute does not pledge itself to accept the lowest or any other tenders. The institute is also not bound to accept the tender in whole and Institute has right to accept the tender in parts. The tenderers are however, at liberty to tender for the whole or any portion of it or to state in the tenders that the rates quoted shall apply only if the tenders are considered fully. Other conditional tenders will not be accepted.
20. The Director, ICAR Research Complex for NEH Region, Umroi Road, Umiam, Meghalaya 793103 reserves the right to reject any tender in part or full without assigning any reason thereof. The decision in this regard shall be final for any aspect of the contract and binding on all parties.
21. Disputes arising, if any will be settled by mutual consultation and in case of failure of settlement dispute shall be referred to the sole arbitrator to be appointed by the Director, ICAR Research Complex for NEH Region, Umroi Road, Umiam, Meghalaya 793103. The decision of the sole arbitrator so appointed shall be final and binding on both the parties. Otherwise, all dispute arising related to this contract will be settled in the Court of Law at Shillong, Meghalaya and verdict of the Court of Law shall be binding to both the parties.
22. Tender shall be opened on **28th November, 2016 (Monday)** at 02:30 PM in the office of the Director, ICAR Research Complex for NEH Region, Umroi Road, Umiam, Meghalaya 793103. Interested bidders or their authorized representative(s) may attend the opening. No enquiry or unlawful pursuance about the quotations will be entertained.
23. If the above mentioned closing and opening day of the tender happens to be non-working day, the tender will be received and opened on the following working day at the same time.
24. Other terms and conditions, as may be decided by the Competent Authority will be intimated from time to time, depending upon the conditions and requirement of the supply. The intimation in this regard shall be provided well in advance and the bidder/suppliers shall be bound by the said terms & conditions.
25. For any query/clarification, the undersigned may be approached at (Email) kcjoshiicar@gmail.com/aogaicarneh@gmail.com/storesection@yahoo.in on any working day (10.00 am to 4.00 pm).
26. The selected tenderers must complete the supply/installation/demonstration within 45 (forty five) days from the date of supply order due to time factor or the said orders shall be treated as cancelled and no further correspondence will be entertained.

Please read the instructions carefully and enclosed all the relevant documents along with bid so that quotation is accepted by the Institute.

**Sd/-
DIRECTOR**



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| | <p>elements required for joining and water tightening components (such as fittings, clamps, screws and nuts plated against corrosion).</p> <p>B) CLADDING:</p> <p>i) Attaching the Plastic on Roof of polyhouse</p> <p>200 micron UV stabilized poly film having 85% light transmission, multi layered, anti drip, attached with the structure by the spring & GRP profile & GRP clamps, which click into it.</p> <p>ii) EXTERNAL SHADING/SIDE WALLS:</p> <p>By 75% shading net (insect proof agro shade net)</p> <p>C) MANUALLY OPERATED DRIP IRRIGATION SYSTEM:</p> <p>Through electric pump of 1 HP (single phase) to pump water from storage tank to operate the drip irrigation system for all sites <u>except Puriang (East Khasi Hills, Meghalaya) -1 Unit and Arunachal Pradesh -04 units, where 2 HP petrol operated pump is required.</u></p> <p>Drip irrigation with filter, main line, sub main, lateral, emitters/drippers, control valves, air release cum vacuum breaker valve, non return valve, pressure gauge, end caps etc. complete as required for the proposed area of polyhouse.</p> <p>D) VENTILATION SYSTEM:</p> <p>Naturally ventilated</p> <p>E) CIVIL WORK:</p> <p>i) Foundation wall for all sides of Poly House along with the double</p> | <p>Sikkim</p> <p>-Timpyem (East Sikkim) 01 Unit</p> <p>-Amba (East Sikkim) 01 Unit</p> | <p>Rs.</p> <p>Rs.</p> |
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| | <p>door room.</p> <p>WIDE Based 1.5' below earth's surface, 1.5' above earth's surface, as kick-board 9" wide. Frame base block height 2'.</p> <p>ii) Floor: Natural</p> <p>iii) Plinth protection: 2' wide all around the Poly House along with buffer room.</p> <p>F) ROOF WATER HARVESTING STRUCTURE:</p> <p>Roof water harvesting system with PVC gutter, flexible pipe up to the PVC water storage tank, PVC tank of 2000 lit capacity.</p> <p>(complete job in all respect for each polyhouse)</p> | | |
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NATURALLY VENTILATED POLYHOUSE OF 300 Sq.m AREA

| Sl.No. | Product Technical Specification | Location/Quantity | Rate Quoted per Unit (Rs.) |
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| 1. | <p>Naturally ventilated polyhouse of 200 sq.m area having side height 4 m, centre height 5.5 m, Arc shape, double door room (2.1m ×2.1m× 2.43m, L×W×H)- 1 in each. Double door facing 90⁰ each (size 1.9 m×0.91m tall and wide)- 2 Nos. in each polyhouse</p> <p>Project has the following details:</p> <p>A) STRUCTURE:</p> <p>i) Frame: All galvanized steel is used and design as per IS875 standards to withstand wind speed up to 120 kmph.</p> <p>End wall and side wall framing Aluminum corner trims, aluminum ridge bar and Galvanized gutter trim Brackets & fasteners as required to assemble frame.</p> <p>ii) Pipe: Pipes sections to be used for different Structural Member should be galvanized iron as given below or equivalent :</p> <p>a) Columns: 80 mm × 50 mm in 2mm thick hot dip galvanized pipe.</p> <p>b) Trusses: Bottom cord 32mm x 2mm; Truss Members 48mm × 48mm 2mm;Bracing 25 mm, pipe; structural member will be fitted with zinc plated nuts & bolts without welding.</p> <p>c) Purlins: 32 mm × 2mm thick.</p> <p>iii) Nuts/bolts and other metallic parts: This includes all the</p> | <p>Meghalaya</p> <p>- Madan Nonglakhiat (Ri-Bhoi) 01 Unit</p> <p>Nagaland</p> <p>-Tsuma, Medziphema (Dimapur) 01 Unit</p> <p>-Tongtentsuyong (Mokokchung) 01 Unit</p> <p>Manipur</p> <p>-Lumbang (Chandel) 01 Unit</p> <p>-H. Phailen (Chura Chandpur) 01 Unit</p> <p>-Wangoi Kabui Khun (Imphal West) 01 Unit</p> <p>-Izerong (Tamenglong) 01Unit</p> <p>-Shihai (Ukhrul) 01 Unit</p> <p>-Lambui (Ukhrul) 01 Unit</p> <p>-Ukhrul (Ukhrul) 01 Unit</p> | <p>Rs.</p> <p>Rs.</p> <p>Rs.</p> <p>Rs.</p> <p>Rs.</p> <p>Rs.</p> <p>Rs.</p> <p>Rs.</p> <p>Rs.</p> <p>Rs.</p> <p>Rs.</p> |




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| | <p>elements required for joining and water tightening components (such as fittings, clamps, screws and nuts plated against corrosion).</p> <p>B) CLADDING:</p> <p>i) Attaching the Plastic on Roof of polyhouse</p> <p>200 micron UV stabilized poly film having 85% light transmission, multi layered, anti drip, attached with the structure by the spring & GRP profile & GRP clamps, which click into it.</p> <p>ii) EXTERNAL SHADING/SIDE WALLS:</p> <p>By 75% shading net (insect proof agro shade net)</p> <p>C) MANUALLY OPERATED DRIP IRRIGATION SYSTEM:</p> <p>Through electric pump of 1 HP (single phase) to pump water from storage tank to operate the drip irrigation system for all sites <u>except all 7 units of Manipur, where 2 HP petrol operated pump is required.</u></p> <p>Drip irrigation with filter, main line, sub main, lateral, emitters/drippers, control valves, air release cum vacuum breaker valve, non return valve, pressure gauge, end caps etc. complete as required for the proposed area of polyhouse.</p> <p>D) VENTILATION SYSTEM:</p> <p>Naturally ventilated</p> <p>E) CIVIL WORK:</p> <p>i) Foundation wall for all sides of Poly House along with the double door room.</p> <p>WIDE: Based 1.5' below earth's</p> | | |
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| | <p>surface, 1.5' above earth's surface, as kick-board 9" wide. Frame base block height 2'.</p> <p>ii) Floor: Natural</p> <p>iii) Plinth protection: 2' wide all around the Poly House along with buffer room.</p> <p>F) ROOF WATER HARVESTING STRUCTURE:</p> <p>Roof water harvesting system with PVC gutter, flexible pipe up to the PVC water storage tank, PVC tank of 2000 lit capacity.</p> <p>(complete job in all respect for each polyhouse)</p> | | |
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Check List of Bid Document:

| S.N. | Type of Bid | List of Documents |
|------|---|---|
| A. | Techno – commercial Bid (All documents in a single envelop, sealed and superscribed as 'BID-I') | <ol style="list-style-type: none"> 1. Cover letter. 2. Tender fee or Exemption certificate. 3. Earnest money or Exemption certificate. 4. Open Tender notice (duly signed on each page by the tenderer). 5. Detailed specifications on official letter head duly signed by the tenderer along with seal. 6. Authorization letter, Company registration certificate, Trade registration certificate, ISO/ISI certificate etc.(whichever is applicable). 7. Trading by non tribal license (TNT) or Trading license from Autonomous Council Meghalaya, should be enclosed. 8. Dealership/Agency certificate from the Principal firm if the rates are quoted by the dealers/agents. 9. Complete supply details of the last 3 years. 10. Minimum five similar Work order with completion certificate in the North East India. 11. Sale tax certificate, tax clearance documents etc. (up to date). 12. Valid CST/VAT/TIN registration certificate (whichever is applicable). 13. Photocopy of the PAN (whichever is applicable). 14. Last 3 years financial standing. 15. Bank A/C details (Name, Account No., Bank, Branch, IFSC Code and MICR code, etc.). 16. Undertaking on official letter head duly signed by the tenderer along with seal. 17. Other credentials (if any). |
| B. | Financial Bid (All documents in a single envelop, sealed and superscribed as 'BID-II') | <ol style="list-style-type: none"> 1. Rate quotation inclusive of all packing, forwarding, delivery charges, permissible taxes, duties, VAT, fabrication charges etc. as may be applicable. 2. Commercial terms and conditions (if any). |




(to be submitted on official letter head)

UNDERTAKING

I, _____ (Name of the Tenderer) _____
on behalf of _____ (Name of the
Firm/Manufacturer/Dealer/Agent) _____ am fully and
unconditionally agree to abide by all the terms & conditions as mentioned in the Tender Notice
No. _____ for construction of Naturally Ventilated Polyhouse.

Date:

Signature:

Place:

Name:

Official Seal:

