



**ICAR RESEARCH COMPLEX FOR NEH REGION
(Indian Council of Agricultural Research)
MIZORAM CENTRE, KOLASIB- 796081, MIZORAM
Phone: +91 3837 220041, Fax: +91 3837 220560**



No. ICAR(RC)MZ/TM/2016

Dated Kolasib the 21st October,2016

OPEN TENDER

Sealed bids are invited for construction of polyhouse from the reputed **firm** by ICAR Research Complex for N.E.H. Region, Mizoram Centre, Kolasib under **MIDH Project**. The detailed specifications (Annexure - I) of the items and terms & conditions etc. are given below:-

- 1. The Tender will be 2 (two) bid system. Technical Bid (Bid - I) will be supported with the documents and Financial bid (Bid - II) will also be enclosed in the separate envelope which will be opened after evaluation by the committee of technical bids.**
- Every Tendered shall have to deposit consolidate cost of Tender paper of Rs.500/- (Rupees five hundred) only (Non - refundable) to be deposited in favour of the Joint Director, ICAR Research Complex for NEH Region, Mizoram Centre, Kolasib - 796081, by means of Demand Draft payable at SBI, Kolasib, . Non - submission of the cost of Tender paper shall lead to non - consideration of the Tender.
- Every quotation should consist of two Bids- The techno-commercial bid (**Bid 'I'**) and the Financial bid (Bid Both must be submitted in two separate envelopes to be sealed **and put in a single main cover. The outer main cover should be super scribed as "TENDER NO. No. ICAR(RC)MZ/TM/2016 Dated Kolasib the 21st October,2016 for construction of polyhouse under MIDH Project, I.C.A.R RESEARCH COMPLEX FOR NEH REGION MIZORAM CENTRE"** and addressed to "THE JOINT DIRECTOR, ICAR RESEARCH COMPLEX FOR NEH REGION MIZORAM CENTRE, KOLASIB, -796081". The Bidding Firm should give their complete address on the bottom left corner of the Main Cover. The Cost of the Tender as well as the consolidate Earnest Money along with all other Technical Details should be mandatory kept in the Technical Bid only. The Financial Bid should consist of the Rates, their detailed break -ups, etc. Non-compliance of this shall lead to non-consideration of the Bid. All Tenders should be sent by Registered Post. Tenders to be handed delivered should be put in the Tender box, kept in the office chamber of Joint Director, ICAR Research Complex for NEH Region, Mizoram Centre, not later than 1:00 P.M. on 10th November, 2016. Tenders received after the due date and time shall not be considered under any circumstances.
- The rates quoted should be up to ICAR Research Complex for NEH Region, Mizoram, (as per the details) for the mentioned items. The rates must be valid for at least for 1(one) year from the date of quotation.**
- Price quoted must be given per unit and must be all inclusive, including packing, forwarding, Delivery charges, Taxes, VAT etc., as may be applicable.**
- In case of delay in supply, penalty will be imposed @2% per week, subject to a maximum of 10% of the FOB value
- All Bidders should mandatory give their current, PAN Card No., TDS& other Bank A/C details to enable the office for releasing the dues via e- payment basis.**

8. **The tenderers** [except those who are registered with the Central Purchase Organization & National Small Industries Corporation (valid proof should be mandatory enclosed)] **shall have to deposit consolidate Earnest Money 2.5% of the cost** only in the form of Demand Draft, valid for 6 (Six) months, drawn in favour of the Joint Director, ICAR Research Complex for NEH Region, Mizoram Centre, Kolasib, payable at SBI, Kolasib, along with the quotation. **The cost of the Tender paper as well as the consolidate Earnest Money along with all other Technical Details should be mandatory kept in the Technical Bid only. Non submission of the Bid Security with quotation shall make the quotation/ bid liable to be rejected.**
 9. The selected tenderers must complete the supply within the stipulated time limit mentioned in the supply order. In case, the firm fails to execute the supply within the time limit, the bid security would stand forfeited and supply order shall be cancelled
 10. The Bidders should mandatory provide their full Bank Details, PAN Card No. , IFS code No., and TDS so as to ensure e-payment to them directly on satisfactory completion of the Supply.
 11. **The Joint Director, ICAR Research Complex Mizoram Centre reserves the right to reject any tender in part or full, without assigning any reason thereof.**
 12. Legal jurisdiction for all disputes shall be within the purview of the Mizoram Court.
 13. The Firm/ Agency run by the Non-Tribal should produce Trading License issued by the competent authority & also produce Municipal Trade License as applicable state to state & Tribals should provide Schedule Tribe Certificate, failing which the tender are liable to be rejected. Non submission of Trading License, tender rates shall be rejected / not to be considered.
 14. All bidders shall give an undertaking that they fully and unconditionally agree to abide by all the terms and 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.
 15. **The bidders should mandatory sign on every page of the Tender Document, which would show their unconditional acceptance of all the terms and conditions of the Tender Document.**
 16. **Items should be supplied in time and with FOR destination.**
 17. Organization should have minimum experience of 10 years of designing, installing of such/similar project for Institute/Govt. Institute/ corporate entity Within the country and should enclose the copy of work contract as evidence.
 18. Company should have the ISO Certifications: ISO 9001:2008, ISO 14001:2004, ISO OHSAS 18001:2007.
 19. The firm should have recognized “In house R&D facility” by Ministry of Science & Technology, DSIR, Government of India.
 20. Tenders shall be opened on 10th November, 2016 at 2:30 pm, ICAR Research Complex for NEH Region Mizoram Centre, Kolasib - 796081. Interested bidders may attend the opening.
 21. If the above mentioned closing /opening day of the tender happened to be non - working date due to Bandh/Strike as any other reasons, the tender will be received & opened on the following working day at the same time except on the 2nd(second) Saturday.
 22. Other terms & conditions, as may be decided by the Competent Authority from time to time, depending upon the condition & requirement of the supply. The intimation in this regard, shall be provided well in advance & the bidder/ supplier shall be bound by the said terms & conditions.
21. For any query/ clarification, the undersigned may be approached at:
Contact No.03837-220041
E-mail : jdicarmizoram@gmail.com

(S.B.Singh)
Joint Director

Copy to:

1. The PS to the Director, ICAR Research Complex for NEH Region ,Umroi Road, Umiam, Meghalaya for kind information of the Director
2. The Administrative Officer (G), ICAR Research Complex for NEH Region, Umroi Road, Umiam. Meghalaya for information
3. The Finance & Accounts Officer, ICAR Research Complex for NEH Region, Umroi Road,Umiam. Meghalaya for information
4. The Asstt.Admn.Officer (Stores), ICAR Research Complex for NEH Region,Umroi Road,Umiam. Meghalaya for information
5. Dr. Arnab Sen, Incharge KIRAN, ICAR Research Complex for NEH Region, Umroi Road,Umiam. Meghalaya with a request to kindly upload the Tender Notice in the KIRAN Website.
6. Incharge, Technical Cell, ICAR Research Complex for NEH Region, Umroi Road,Umiam. Meghalaya with a request to kindly upload the Tender Notice in Central Procurement Portal.(CPP)

(S.B.Singh)
Joint Director

Annexure-1

Details Specifications for construction of Polyhouse under MIDH Project

(Tender No. No. ICAR(RC)MZ/TM/2016 Dated Kolasib the 21st October,2016)

Sl. No.	Main Particulars of Area	Dimensions	Units	Cost	Total
1.	Total Area of Polyhouse	100 m ²	01 No.		
	Each Polyhouse Size	12.5 x 8 (L x W) = 100m ²			
	No. of Bays	1No.			
	Each Bay Width	8m.			
	Length	12m.			
	Width	8m.			
	Side Height	4 m.			
	Centre Height	5.5m.			
	Design/Shape	Arc			
	Double Door Room	2.1m x 2.1m x 2.43m (L x W x H)	1 No.		
	Doors	1.9m x 0.91m (tall & wide)	2 Nos.		

Sl. No.	PRODUCT TECHNICAL SPECIFICATION	UNITS
1.	<p>STRUCTURE:</p> <p>Frame: All galvanized steel is used and design as per IS875 standards to take withstand of wind speed 120 km. /hour.</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>1) Pipe:Pipes sections to be used for different Structural Member will be as 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>2) All G.I pipes are galvanized.</p> <p>3) Nuts and other metallic parts: This includes all the elements required for joining and water tighten components (such as fittings, clamps, screws and nuts plated against corrosion).</p>	1 Complete Set

2.	<p>DOUBLE DOOR ROOM:</p> <p>A)Double Door Room: Size 2.1m x 2.1m x 2.43m (L ×W×H) covered with 200 micron polyfilm and fixed aluminum profile.</p> <p>B)Door: Size: 1.9m × 0.91m long & wide, normally lockable made of clear 6mm thick polycarbonate glazing sheet, top & bottom tracks, jambs, flashings & installation hardware.</p>	<p>1 No.</p> <p>2 Nos.</p>
3.	<p>CLADDING:</p> <p>Attaching the Plastic on Roof & Side walls of Polyhouse</p> <p>200 micron UV stabilized poly film having 85% light transmission, multi layered, anti drip. This is attached with the structure by the spring & GRP profile & GRP clamps, which click into it.</p> <p>Later on, the spring can be clipped out in order to fit new plastic. The profile does not get distorted and the profile can also be used again.</p>	<p>1 Complete Set</p>
4.	<p>EXTERNAL SHADING:</p> <p>By 75% shading net (agro shade net) with rolling arrangement connecting pipe etc. can be rolled when not required.</p>	<p>1 Complete Set</p>
5.	<p>DRIP IRRIGATION SYSTEM:</p> <p>The system is provided with pressurized drip irrigation system with 2” Filter 120 mesh red, Valve/2”, Fertilizer pump, Air valve/1.5”, Pressure relief valve 2”, Pressure gauge, Head unit assembly.</p> <p>Drip supply manifold with Valve/2” Aquanet Valve 2”, Lateral 16mm, Drip Net PC 16mmx30cmx1lph, RPVC 40mm 6Kg/cm2, RPVC 63mm 4Kg/cm2, 0.5HP pump, PVC fitting, Water tanks of 500ltr. etc.</p>	<p>1 Complete Set</p>
6.	<p>VENTILATION SYSTEM:</p> <p>A) Side Ventilation:22.5m.long x 2 Nos. Roll-up plastic curtains, open able to 2 m. in height (open from down to up) on two sides with crank mechanism. 40 mesh nylon insect-screen (UV stabilized) to be fixed inside the curtain on sides.</p> <p>B) Top Ventilation: Fixed Ridge Ventilation 1 m. to 1.2 m. covered with 50 mesh nylon insect net.</p>	<p>1 Complete Set</p>
7.	<p>CIVIL WORK:</p> <p>Structure will be Raised on CC (concrete cement) blocks of Size:1'×1'×2'.</p> <p>Floor: Natural soil, as it is.</p> <p>Pathway. A pathway 3ft. wide in the centre runs lengthwise with front/back pathway interconnected with 4" thick standard bricks at bottom, 50 CC mm on bricks; above that 25mm thick cement plaster.</p>	<p>1 Complete Jobin all respect</p>

(S.B.Singh)
Joint Director