



भारतीय कृषि अनुसंधान परिषद
INDIAN COUNCIL OF AGRICULTURAL RESEARCH
पूर्वोत्तर पहाड़ी क्षेत्रों के लिए भारतीय कृषि अनुसंधान परिसर
ICAR RESEARCH COMPLEX FOR NEH REGION
त्रिपुरा केंद्र, लेम्बुछड़ा - ७९९ २१०, त्रिपुरा
Tripura Centre, Lembucherra – 799 210, TRIPURA



No: RC/ TC (S-17)/ 2014 (CSS- TM)/

Date: September 9, 2014

Sealed bids are hereby invited by ICAR Research Complex for NEH Region, Tripura Centre, Lembucherra, West Tripura for execution of works (i) Renovation of Agronomy Lab and (ii) Renovation of Horticultural Lab from the reputed registered Contractors/ Agency. Detailed Tender paper with detailed work to be done and terms & condition etc. are given below:

1. **Cost of Tender paper of Rs 500/- only (five hundred)** (non-refundable) for the above mentioned works and to be deposited in favor of the Joint Director, ICAR Tripura Centre by means of Demand Draft/ Banker's Cheque (**no personal cheques will be entertained for the purpose**) etc. payable at SBI, Lembucherra (SBI, College of Agriculture Brnach). Non-submission of the cost of Tender paper shall lead to non-consideration of the Tender.
2. **The quotation must be submitted** consisting the all the tender papers with its enclosures
 - a. In one cover enclosing the cost of tender (Rs-500/-only)
 - b. Second cover Earnest Money (Rs 9,520/- for works- Renovation of Agronomy Lab & (Rs 8,940/- for works- Renovation of Horticultural Lab) **at ICAR Research Complex, Tripura Centre P.O- Lembucherra,799210,West Tripura.**
 - c. The bidding contractor/agency should give their complete address on the bottom left corner of the Main cover putting contract number, e-mail ID, fax number etc.
 - d. 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 may be sent by **Registered Post/Courier/Speed Post. Tenders may also be hand delivered and to be put into the Tender Box kept in the AAO's Room of ICAR, Tripura Centre, Lembucherra within 2:30PM of 24th September 2014.** Tender received after the due date and time shall not be considered under any circumstances.

3. The rates must be valid for at least 1(one) year from the date of acceptance of the lowest rate by the Committee.
4. **Price quoted must be given item-wise as mentioned in the 'Tender paper' putting the bidder's signature in all the pages.**
5. Attested copies of the up to date Sales Tax and Income Tax clearance certificate, copy of the PAN from the authority concerned should be submitted with the tender.
6. The office shall not be responsible for payment of any part claim of payment etc.
7. Payment shall be made only after actual execution of the works in good condition and successful measurement book, handing over-cum-completion certificate.

8. **All bidders should mandatory give their current & other Bank A/c details to enable the office to released the dues through e-transfer basis.**
9. The selected tenderers must complete the execution of the work within the stipulated time limit mentioned in the work order. In case the firm fails to execute the execution of the work within the time limit, the bid security (earnest money) would stand forfeited and the work order shall be cancelled.
10. The complete details regarding the Instituted /Corporation /Bodies etc. where the Firm /Dealer has made their enlistment for execution of Civil/ Electrical Work under PWD,CPWD ,BSNL and other competent Agencies must be accompanied with the tender .
11. The Joint Director, ICAR Research Complex reserves the right to reject any tender in part or full without assigning any reason thereof.
12. Legal jurisdiction for disputes shall be within the purview of Agartala Court.
13. **All bidders shall give under taking 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 supplier shall be taken .Non submission of the undertaking may lead to rejection /non-consideration of the tender.**
14. **The bidders should mandatory sign on every page of the Tender Documents, which would show their unconditional acceptance of all the terms and condition of the tender Documents.**
15. Tenders shall (if possible) be opened on 24th September 2014 (after 2-30 P.M) at the ICAR Research Complex, Tripura centre, Lembucherra. Interested bidders may attend the opening.
16. Other terms and condition, as may be decided by the authority from time to time depending upon the condition & requirement of the works the intimation in this regards, shall be provided well in advance & the bidder/supplier shall be bound by the said terms and condition .
17. The entire works shall be invigilate by the 'Works Committee' and the bill together with the requisite papers /doc has to be submitted to the undersigned for payments. Payment may either from this Research Centre or from our Complex H.Qrs. Barepani, Meghalaya against the tenders and other papers/ docs.

**Sd/-
Joint Director**

Signature of Tenderer with date and seal

Signature of the witness with complete address

All correspondence relating to the tender should be addressed to the Joint Director, ICAR Research Complex, Tripura center,Lembucherra,West Tripura-799210

From

To

The Joint Director
ICAR Research Complex for NEH Region
Tripura Centre, Lembucherra – 799 210

Sub: Submission of Tender for Renovation of Horticulture Lab/ Agronomy Lab (*Strike out whichever is not applicable*)

Sir,

With reference to the above NIT

1. I/ we hereby offer my/ our rates as detailed in your Tender Papers or such portion thereof as you may specify in the acceptance of tender. I/ we shall be bound by a communication of acceptance dispatched within the aforesaid date.
2. I/ we understood the instructions and conditions of contract pertaining to the above mentioned tender and have thoroughly examined the specification/ drawings and/ or pattern quoted in the schedule thereto and am/ are fully aware of the nature of the stores required and my/ our offer is to supply strictly in accordance with the requirements.
3. The following pages have been added as part of the tender:
 - a.
 - b.
 - c.
 - d.
4. An A/c payee cheque/ demand Draft/ Banker's Cheque No Dated for Rs (Rupees) only drawn in favor of the Joint Director, ICAR, Tripura Centre is enclosed herewith being the cost of tender papers.
5. One Deposit-in-call bearing No dated for Rs (Rupees) only drawn in favor of Joint Director, ICAR, Tripura Centre on SBI, Lembucherra is also enclosed herewith being the Earnest Money Deposit (EMD).
6. I/ we also agree to execute the contract bond/ agreement as per ICAR rules.

Yours faithfully

(Signature of Tenderer with date and seal)

Signature of witness with full address:

APPLICATION FOR REQUEST FOR REFUND OF THE EMD WITH REGARD TO THE TENDER FOR THE CIVIL WORKS UNDER ICAR RESEARCH COMPLEX FOR TRIPURA CENTRE, LEMBUCHERRA, WEST TRIPURA

Date:

From:

To

The Joint Director
ICAR Research Complex for NEH Region
Tripura Centre, Lembucherra – 799 210

Sub: Application for release of EMD

Ref: Work entitled Renovation of Horticulture Lab/ Agronomy Lab (*Strike out whichever is not applicable*)

Sir,

This is to request you that since I am not the successful bidder with regard to the above mentioned Tender, hence my EMD which was dispatched/ submitted to your good self vide Deposit-at-Call/ Demand Draft/ Banker's Cheque no Dated For Rs of (name of the Bank and Branch)..... Drawn in favor of the Joint Director, ICAR Research Complex and payable at Agartala may kindly be refunded to me at an early date.

Signature of the bidder with date & seal

Date:

Contact number:

E-mail ID (if any):

Fax No:

Name of the work : Renovation of Horticulture Lab
 Division : Division of Horticulture
 Place : ICAR Research Complex for NEH Region, Tripura

Item No	Particulars	Quantity	Rate (Rs)/ Unit	Amount (Rs)
A	B	C	D	E
1.	<p>Dismantling doors windows and clerestory windows (steel or wood)shutters in/c chowkhats , Architrave, hold fasts etc. complete in/c stacking of serviceable materials and unserviceable materials separately with all lifts and up to a lead of 50m etc. complete as per direction of the engineer-in-charge. Of area 3 sqm below Room 1&2 D 1x1=1nos W 1x 6=6nos W1 1x2=2nos V 1x2=2nos V1 1x2 =2nos Total =13nos Of area beyond 3sqm D 1x1= 1nos</p>	<p>13no's</p> <p>1nos</p>		
2.	<p>Providing and fixing aluminum works for doors, windows ventilators, stairs railing in/c hand rail and partitions with extruded built up standard tubular section /appropriate z sections other section of approved make conforming to IS: 1285, fixed with rawl plugs and screws or with fixing clips, or with expansion hold fasteners in/c necessary filling up of gapes at junctions ,a t top, bottom and sides with required PVC/neoprene felt etc. aluminum sections shall be smooth, rust free , straight, mitred and jointed mechanically wherever required in/c cleat angle, aluminum snap beading for glazing/ paneling, C.P. brass /stainless steel screw, all complete as per architectural drawing and the direction of the engineer-in-charge.(glazing and paneling to be paid for separately):- For fixed portion of approved quality:- Anodized aluminum (Anodized transparent or dyed to required shade according to IS 1868 minimum anodic coating of grade AC15) D 1x1.00x2.10=2.10sqm D 1 1x2.45x2.10=5.14sqm Qut for door 7.24sq @ 10.00kg/sqm 72.24 kg W 1x6x1.20x1.50=10.80sqm W1 1x2x0.80x1.00=1.60 V 1x3x1.00x0.30=0.90 V1 1x0.60x1.20=0.72 Qut for window 14.02 @ 6.00kg = 84.12 kg Total 156.52kg</p>	<p>156.52kg</p>		

3.	<p>For shutter /sliding shutter of door windows &ventilator in/c providing and fixing hinges/pivots/rollers and making provision for fixing fitting wherever required in/c the cost of neoprene gasket required of approved quality (fitting shall be paid for separately)Anodized aluminum (Anodized transparent or dyed to required shade according to IS 1868 minimum anodic coating of grade AC15)</p> <p>D 1x1.00x2.10=2.10sqm D₁ 1x2.45x2.10=5.14sqm Cut for window 7.24 sqm @12.00kg/sqm 86.88kg W 1x6x1.20x1.50=10.80sqm W₁ 1x2x0.80x1.00=1.60 V 1x3x1.00x0.30=0.90 V1 1x0.60x1.20=0.72 Sheaf 1x2x1.30x0.70= 1.82 Cut for window 15.84sqm @5.00kg/sqm 79.20 kg Total 166.08 kg</p>	166.08kg		
4.	<p>Providing and fixing glazing of approved quality in aluminum doors, windows, ventilators, shutters and partition frames with PVC/neoprene gasket etc. complete as per architectural drawing and the direction of the engineer-in-charge. -With glass/float glass panes of 4mm thickness (weight not less than 10.00kg/sqm)</p> <p>W 1x6x1.20x1.50=10.80sqm W₁ 1x2x0.80x1.00=1.60 V 1x3x1.00x0.30=0.90 V1 1x0.60x1.20=0.72 Total 14.02sqm</p> <p>With glass/float glass panes of 5.5mm thickness (weight not less than 13.50kg/sqm)</p> <p>Sheaf 1x2x1.30x0.70= 1.82 D 1x1.00x1.00=1.00sqm D₁ 1x2.45x1.00=2.45sqm Total 5.27sqm</p>	14.02sqm 5.27sqm		
5.	<p>Providing and fixing 12mm thick pre laminated three layer medium density (exterior grade) particle board grade I type conforming to IS: 12823 bonded with phenol formaldehyde synthetic resin of approved brand and manufacture in paneling fixed in aluminum doors window shutters and partition frame with CP brass /stain less screw all complete as per architectural Drawing and direction of the engineer-in-charge. Pre laminated particle board of approved quality with decorative lamination on both side</p> <p>D 1x1.00x2.10=2.10sqm D₁ 1x2.45x2.10=5.14sqm Total 7.24 sqm</p>	7.24sqm		
6.	<p>Providing and fixing aluminum casement windows fastener of required length for aluminum windows with necessary screws etc. of approved quality complete as per direction of Engineer-in-charge:- Anodised aluminum of grade AC 15).</p>	16nos		

	1x16=16nos			
7.	Providing and fixing aluminum tubular handle bar of 32 mm outer dia, 3.0 mm thick and 2100 mm long with Stainless Steel screws etc. of approved quality complete as per direction of Engineer-in-charge:- Anodised aluminum of grade AC 15). 1x2=2nos	2nos		
8.	Providing and fixing IS: 3564 marked aluminum die cast body tubular type universal hydraulic door closer with necessary accessories and screws etc complete 1x2=2nos	2nos		
9.	Providing and fixing aluminum hinging floor door stopper ISI marked anodized (Anodic coating not less than grade AC 10 as per IS 1868)transparent or dyed to required colour and shade with necessary accessories and screws etc complete Twin rubber stopper 1x5=5nos	5nos		
10.	Providing and fixing aluminum tower bolts ISI marked anodised (anodic coating not less than grade AC 10 as per IS:) 1858 transparent or dyed to required colour or shade with necessary screws etc . complete (size)250x10mm 1x2x5=10nos	10nos		
11.	Providing and fixing aluminum sliding door bolts ISI marked anodised (anodic coating not less than grade AC 10 as per IS 1868) transparent or dyed to required colour or shade with nuts and screws etc. complete. (size) 300x16mm 1x4=4nos	4nos		
12.	Providing and fixing aluminum handles ISI marked anodised (anodic coating not less than grade AC 10 as per IS 1868) transparent or dyed to required colour or shade with necessary screws etc. complete. 125mm 1x6=6nos	6nos		
13.	Providing and fixing 100mm brass lock (best make of approved quality) with 6 levers without pair of handles for aluminum door in/c necessary cutting and making good etc complete as per direction of the engineer-in-charge. 1x4=4nos	4nos		
14.	Providing and fixing 1st quality ceramic glazed wall tiles conforming to IS: 15622 (thickness to be specified by the manufacturer) of make in all colours ,shades except burgundy ,bottle green ,black of any size as approved by engineer-in-charge in skirting ,risers of steps and dados over 12mm thick bed of cement mortar 1:3(1crment:3fine sand) joined with ordinary cement slurry in/c pointing with white cement mixed with pigment of matching shade complete. Room1 1x2(4.85+3.60)x1.00=16.90 Room 2 1x2(4.20+3.53)x1.00=15.46 Shelf 1x2x7.35x1.10=16.17 1x12x0.90x0.90=9.72 1x2x2x1.30x0.30=1.56 1x2x4x0.70x0.30=1.68	59.99sqm		

	<p> $1 \times 2.30 \times 0.85 = 1.95$ Duct ion door entry $1 \times 1.00 \times 1.00 = (-) 1.00$ $1 \times 2.45 \times 1.00 = (-) 2.45$ Total 59.99sqm </p>			
15.	<p> Providing and laying polished vitrified floor tiles in different sizes (thickness to be specified by the manufacturer) with water absorption less than 0.08% and conforming to IS: 15622 of approved make in all colours over 20mm thick bed of cement mortar 1:4 (1 cement: 4 fine sand) joined with ordinary cement slurry in/c pointing with white cement mixed with pigment of matching shade complete. Room 1 $1 \times 4.85 \times 3.60 = 17.46$ $1 \times 2(4.85 + 3.60) \times 0.15 = 2.53$ Room 2 $1 \times 4.20 \times 3.53 = 14.82$ $1 \times 2(4.20 + 3.53) \times 0.15 = 2.31$ Duct ion door entry $1 \times 1.00 \times 0.15 = (-) 0.15$ $1 \times 2.45 \times 0.15 = (-) 0.36$ Total 36.61 sqm </p>	36.61sqm		
16.	<p> Providing and fixing 18mm thick stone slab table rubbed, edges rounded and polished of size 75x50 cm deep and 1.8 cm thick fixed in urinal partitions by cutting a chase of appropriate width with chase cutter and embedding the stone in the chase with epoxy grout or with cement concrete 1:2:4 (1 cement : 2 fine sand : 4 graded stone aggregate 6 mm nominal size) as per direction of Engineer-in-charge and finished smooth including rubbing, curing etc. complete at all levels as required (measurement should be of exposed finished work):- Granite of any colour and shade duly approved. Table $1 \times 7.50 \times 1.20 = 9.00 \text{sqm}$ </p>	9.00sqm		
17.	<p> Reinforced cement concrete work in beams, suspended floors, roofs having slope up to 15° landings, balconies, shelves, chajjas, lintels, bands, plain window sills, staircases and spiral stair cases upto floor five level excluding the cost of centering, shuttering, finishing and reinforcement- RCC work in suspended floors, roofs having slope up to 15° landings, balconies, shelves and chajjas. 1:1½:3 (1 Cement: 1½ fine sand : 3 graded stone aggregate 20 mm nominal size) Chajjas mtc $1 \times 5 \times 1.80 \times 0.60 \times 0.10 = 0.54 \text{cum}$ </p>	0.54cum		
18.	<p> Centering shuttering including struttings, propping etc. and removal of form work for: Weather shade, Chajjas, corbels etc., including edges. $1 \times 5 \times 2.00 \times 0.75 = 7.50 \text{sqm}$ </p>	7.50sqm		
19.	<p> Reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto floor five level. Thermo-Mechanically Treated bars/ Cold twisted deformed steel </p>	37.80kg		

	bars Qty item no 15. 0.54x70.00kg/cum=37.80kg			
20.	Repairs to plaster of thickness 12mm to 20mm in pitches of area 2.5 sqm and under in/c cutting the patch in proper shape and preparing and plastering the surface of the wall complete in/c disposal of rubbish to the dumping ground with all leads and lifts in/c finishing even and smooth and curing complete as per direction of the engineer-in-charge 1x5x3.00x1.50=22.50sqm	22.50sqm		
21.	Dismantling old plaster or pointing, ranking out joints, cleaning and preparing the surface for re-plastering or re-pointing in/c disposal of rubbish to the dumping ground with all leads and lifts etc complete as per direction of the engineer-in-charge. Room1 1x2(4.85+3.60)x3.50=59.15 Room 2 1x2(4.20+3.53)x3.50=54.11 Cilling 1x4.85x3.60=17.46 1x4.20x3.53=14.82 Total = 145.54sqm Duct ion D 1x1.00x2.10=2.10sqm D ₁ 1x2.45x2.10=5.14sqm W 1x6x1.20x1.50=10.80sqm W ₁ 1x2x0.80x1.00=1.60 V 1x3x1.00x0.30=0.90 V1 1x0.60x1.20=0.72 Total = (-)21.26 G total 124.28sqm	124.28sqm		
22.	Applying one coat of cement primer of approved brand and manufacture on wall surface complete. Room1 1x2(4.85+3.60)x2.50=42.25 Room 2 1x2(4.20+3.53)x2.50=38.65 Cilling 1x4.85x3.60=17.46 1x4.20x3.53=14.82 Total = 113.18sqm Duct ion D 1x1.00x1.10=1.10sqm D ₁ 1x2.45x1.10=2.69sqm W 1x6x1.20x1.50=10.80sqm W ₁ 1x2x0.80x1.00=1.60 V 1x3x1.00x0.30=0.90 V1 1x0.60x1.20=0.72 Total = (-)17.81 Extra 1x20.00x5.00=100.00 G total 195.37sqm	195.37sqm		
23.	Wall painting with plastic emulsion paint (one or more coats)of	95.37sqm		

	<p>required colour of approved brand and manufacture on old work to give an even shade in/c preparation of surface as required complete as per direction of the engineer-in-charge.</p> <p>Room1 $1 \times 2(4.85+3.60) \times 2.50 = 42.25$ Room 2 $1 \times 2(4.20+3.53) \times 2.50 = 38.65$ Calling $1 \times 4.85 \times 3.60 = 17.46$ $1 \times 4.20 \times 3.53 = 14.82$ Total = 113.18sqm</p> <p>Duct ion D 1x1.00x1.10=1.10sqm D₁ 1x2.45x1.10=2.69sqm W 1x6x1.20x1.50=10.80sqm W₁ 1x2x0.80x1.00=1.60 V 1x3x1.00x0.30=0.90 V1 1x0.60x1.20=0.72 Total = (-)17.81</p> <p>G total 95.37sqm</p>			
24.	<p>Painting with synthetic enamel paint (one or more coats) of required colour of approved brand and manufacture on old work to give an even shade including preparation of surface as required complete as per direction of the Engineer in charge</p> <p>W 1x6x1.20x1.50=10.80sqm W₁ 1x2x0.80x1.00=1.60 V 1x3x1.00x0.30=0.90 V1 1x0.60x1.20=0.72</p> <p>Total 14.02 sqm</p>	14.02sqm		
25.	<p>Finishing walls with water proofing cement paint of required shade of approved brand and manufacture on old work (one or more coats) including preparation of surface as required complete as per direction of the Engineer in charge</p> <p>Extra 1x20.00x5.00=100.00sqm</p>	100.00sqm		
			Total	

Total (in words)

..... only

Signature of the bidder with date & seal

Date: