

Name of work: **Internal electrification of Cattle Sheds (6 Nos.) at ICAR, Lembucherra.**
 Division: **Animal Reproduction**
 Location: **ICAR Research Complex, Tripura Centre, Lembucherra**
 Rate: **Tripura Schedule of Rates 2002**

Item No. & details of work to be executed		Rate	Amount	
Description	Quantity		In figure	In words
Item No.1: Writing for light/fan/exhaust fan/call bell points with 1.5 sq.mm PVC casing and capping as required: a) Short Point b) Medium point c) Long point	30 Nos. 36 Nos. 36 Nos.			
Item No.2: Writing for 3/5 Pin 5/6 amps plug point with 1.5 sq.mm PVC insulated aluminium conductor cable in PVC casing and capping incl. earthing the 3 rd pin etc. as required: a) Short point b) Medium point c) Long point	12 Nos. 12 Nos. 12 Nos.			
Item No.3: Writing of 3/6 pin 15/16 amps plug point with 4 sq.mm. PVC insulated aluminium cable in PVC casing and capping incl. earthing the 3 rd pin etc. as required:	6 points			
Item No.4: Writing for circuit/sub-main wiring with the following sizes PVC insulated aluminium conductor cable in PVC conduit etc. as required: a) 2 x 2.5 sq.mm :- 9x2x6 b) 2 x 4 sq.mm=2x6.00m	108 mt. 12 mt.			
Item No.5: Earthing with GI Earth pipe 4.5m long and 40mm dia with masonry enclosure on top etc. as required	6 sets			
Item No.6: Extra for using salt and charcoal for pipe earth electrode as electrode	6 sets			

Contd...2

Item No.7: Providing and laying earth connection from earth electrode with 4.06mm dia (8 SWG) GI/copper wire in 15mm dia GI pipe from earth electrode as required, 6x6mt	36 mt.			
Item No.8: Supplying and drawing 4 sq.mm copper conductor wire as required: 10 x 2 x 6	120 mt.			
Item No.9: Supplying and fixing of 30/32 amp DP main switch (re-wirable) 250 volt incl. drilling holes on the board/MS clamp, connections etc. as required, Category B (1 x 6)	6 Nos.			
Item No.10: Supplying and drawing of 2+4 way metal enclosure for 240/415 volts MCB (SP/SPN/DP) or isolator, complete with necessary bus bar, earth bar, neutral link, din rail etc. incl. connection as required: 1 x 6	6 Nos.			
Item No.11: Supplying and fixing of 5 to 32 amp rating 240 volts G series MCB of double pole in the existing MCB DB complete with connection etc. as required. Category B. a) 16 amp (2 x 6) b) 32 amp (2 x 6)	12 Nos. 12 Nos.			
Item No.12: Supplying and fixing of 5/6 amp piano socket incl. necessary connection etc. as required:	36 Nos.			
Item No.13: Supplying and fixing of 15/16 amp piano socket incl. necessary connection etc. as required	6 Nos.			
Item No. 14: Supplying and fixing of 254mm x 300mm size wooden Formica board with Bakelite cover (4x6)	24 Nos.			

Item No.15: Supplying and fixing of 254mm x 300mm size wooden Formica board with Bakelite cover	108 Nos.			
Item No.16: Supplying and fixing of 400mm sweep wall fan incl. necessary connection etc. as required	36 Nos.			
Item No.17: Supplying and fixing of CFL, 18 watts	54 Nos.			
A. Total (Item 1 to 17)				
B. Add.....% for increase of rates (except item No.17)				
C. Add% on A above as contingencies				
GRAND TOTAL (A+B+C) Quoted cost				

Quoted cost in words.....

.....) only

Signature of the Tenderer.....

Date, Seal

Name of work: **Providing partition, Central & Working Table for Fisheries Laboratories of ICAR, Tripura Centre, Lembucherra**

Division: **Animal Reproduction**

Location: **ICAR Research Complex, Tripura Centre, Lembucherra**

Rate: **Tripura Schedule of Rates 2008**

Item No. & details of work to be executed		Rate	Amount	
Description	Quantity		In figure	In words
<p>Item No.1: Providing wood work in frames of false ceiling, partitions etc., sawn & fixing in position as per clauses of chapter 9 of CPWD specification – Karai wood: $2 \times 0.04 \times 0.762 \times 4 \times 2 = 0.072$ cum $2 \times 0.04 \times 0.762 \times 3 \times 4.55 = 0.083$ cum $0.0635 \times 0.0635 \times 14 \times 0.70 = 0.04$ cum $32 \times 0.0635 \times 0.0635 \times 0.70 = 0.09$ cum</p>	0.285 cum			
<p>Item No.2: Shelves, Table floor: $2.2 \times 1.2 = 2.64$ sq.m. $2.0 \times 1.2 = 2.4$ sq.m. $3 \times 1.2 = 3.6$ sq.m. $0.030 \times (2 + 2.2 + 3.0) = 2.16$ sq.m. $2 \times (3.0 + 1.95 + 3.40 + 3.0 + 2.70) \times 0.50 = 14.06$ sq.m. $2(4 + 2.90 + 1.90) \times 0.50 = 8.80$ sq.m. Total(shelves/table floor area) = 33.66 sq.m. Qty. – Area(33.66 sq.m.)\times0.04 = 1.346 cum Total qty. – 0.285 cum (Item 1) + 1.346 cum</p>	1.631 cum			
<p>Item No.3: Providing & fixing 25m paneled & glazed or paneled or glazed shutters for cup board etc. incl. bright finished/black enameled MS butt hinges with necessary screws as per clauses of chapter 9 of CPWD specification – Gamair wood: $0.6 \times 0.6 \times 2 \times 3 = 2.16$ sq.m. $0.6 \times 1.20 \times 2 \times 3 = 4.32$ sq.m.</p>	6.48 sq.m.			
<p>Item No.4: Providing & fixing paneled & glazed or paneled or glazed shutters for doors, windows & C/windows incl. bright finished/black enameled MS butt hinges with necessary screws as per clauses of chapter 9 of CPWD specification – Gamair wood but incl. the wooden beading of 20x12mm for fixing paneling and or glazing as per clauses of chapter 9 of CPWD specification –</p>	3.20 sq.m.			

Contd.....2

Gamair wood – 30mm thick shutters: 2.0 x 0.8 x 2				
Item No.5: Providing & fixing 40mm paneled & glazed or paneled or glazed partitions fixed to frames with bright finished/black enameled MS butt hinges with necessary screws (frames to be paid separately) as per clauses of chapter 9 of CPWD specification – Gamair wood	23.74 sq.m.			
Item No.6: Applying priming coat incl. cost of material & as per clauses of chapter 13 of CPWD specification: 33.66 sqm. X 2.25 = 75.74 sqm 2(4.55x 1.36 x 2.25)=27.85 sqm	103.59 sqm.			
Item No.7: Painting with synthetic enamel paint (2 or more coats) of required color of approved brand & manufacture on new work to give an even shade including cost of material required & as per clauses of chapter 13 of CPWD specification	103.59 sqm			
Item No.8: TSR 2002 (Internal electrification): Supplying & fixing of 5/6 amp piano socket incl, necessary connection etc. as required	3 Nos.			
Item No.9: TSR 2002 (internal electrification): Supplying & fixing of 15/16 amp piano Socket incl. necessary connection etc. as required	3 Nos.			
Item No.10: TSR 2002 (internal electrification): Supplying & fixing of 254mm x 300mm size wooden Formica board with Bakelite cover	6 Nos.			
A. Total (Item 1 to 17)				
B. Add.....% for increase of rates (except item No.17)				
C. Add% on A above as contingencies				
GRAND TOTAL (A+B+C) Quoted cost				

Quoted cost in words.....

.....) only

Signature of the Tenderer.....

Date, Seal

Name of work: **Internal electrification of Mushroom Houses (2 Nos.) at ICAR, Tripura Centre**
 Division: **Plant Pathology**
 Location: **ICAR Research Complex, Tripura Centre, Lembucherra**
 Rate: **Tripura Schedule of Rates 2002**

Item No. & details of work to be executed		Rate	Amount	
Description	Quantity		In figure	In words
Item No.1: Writing of light / fan/exhaust fan/call bell point with 1.5 sqmm PVC insulated copper conductor cable in PVC conduit etc. as required: a) Short Point (4+2) b) Medium point (4+3) c) Long point (4+3)	6 Nos. 7 Nos. 7 Nos.			
Item No.2: Writing for 3/5 Pin 5/6 amps plug point with 1.5 sq.mm PVC insulated aluminium conductor cable in PVC casing and capping incl. earthing the 3 rd pin etc. as required: a) Short point b) Medium point	4 Nos. 4 Nos.			
Item No.3: Writing of 3/6 pin 15/16 amps plug point with 4 sq.mm. PVC insulated copper conductor cable in PVC conduit incl. earthing the 3 rd pin etc. as required: a) Short point 2+1 b) Medium Point 2+2 c) Long point 4+3	3 Nos. 4 Nos. 7 Nos.			
Item No.4: Writing for circuit/sub-main wiring with the following sizes PVC insulated copper conductor cable in PVC conduit etc. as required: a) 2 x 2.5 sqmm :- 12+12m b) 2 x 4 sqmm = 18+7m c) 2 x 6sqmm = 3x2m	24mt. 25mt. 6mt.			
Item No.5: Writing of 3 pin 5/6 amp plug point with 1.5 sqmm PVC insulated copper conductor cable incl. providing & fixing of 3 pin 5/6 amp piano type switch and switch board, earthing the	8 points			

3 rd pin etc, as required				
Item No. 6: Writing of 3 pin 15/16 amp plug point with 4 sqmm PVC insulated copper conductor cable incl. providing & fixing of 3 pin 15/16 amp piano type switch and switch board, earthing the 3 rd pin etc, as required	7 points			
Item No.7: Earthing with GI Earth pipe 4.5m long and 40mm dia with masonry enclosure on top etc. asa required	2 sets			
Item No.8: Extra for using salt and charcoal for pipe earth electrode as required	2 sets			
Item No.10: Supplying and drawing 4 sqmm copper conductor wire for loop earthing long with other wire as required: 10 x 2m	20 mt.			
Item No.11: Supplying and fixing of 30/32 amp DP main switch (re-writable) 250 volt incl. drilling holes on the board/MS clamp, connections etc. as required: 1 x 2	2 Nos.			
Item No.12: Supplying and drawing of 2+4 way metal enclosure for 240/415 volts MCB (SP/SPN/DP) or isolator, complete with necessary bus bar, earth bar, neutral link, din rail etc. incl. connection as required	2 Nos.			
Item No.13: Supplying and fixing of 40 amps rating 240 volts G series MCB of double pole in the existing MCB DB, complete with connection etc. as required (Category B)	8 Nos.			
Item No.14: Supplying and fixing of 5/6 amp piano socket incl. necessary connection as required	8 Nos.			
Item No.15: Supplying and fixing of 15/16 amp piano socket incl. necessary connection as required	7 Nos.			

Contd.....3

Item No.16: Supplying and fixing of 254mmx300mm size wooden Formica board with bakelite cover	6 Nos.			
Item No.17: Supplying and fixing pf 254mmx300mm size wooden Formica board with bakelite cover	16 Nos.			
Item No.18: Supplying and fixing of 300mm sweep/900 rpm Exhaust Fan in the existing hole incl. necessary connection etc. as required: 2+3	5 Nos.			
Item No.19: Supplying and fixing of CFL, 18 watts	12 Nos.			
Item No.20: Supplying and fixing of 4.00mm sweep wall Fan incl. necessary connection as required	3 Nos.			
Item No.21: Providing Air Cooler (Branded company)	4 Nos.			
Item No.22: Providing of Hot Air Blower (Branded company), 2000 watts	3 Nos.			
Item No.23: Service connection	2 Nos.			
A. Total (Item 1 to 17)				
B. Add.....% for increase of rates (except item No.17)				
C. Add% on A above as contingencies				
GRAND TOTAL (A+B+C) Quoted cost				

Quoted cost in words.....

.....) only

Signature of the Tenderer.....

Date
Seal

Name of work: **Water supply fittings of Mushroom Houses (2 Nos.) at ICAR, Tripura Centre**
 Division: **Plant Pathology**
 Location: **ICAR Research Complex, Tripura Centre, Lembucherra**
 Rate: **Tripura Schedule of Rates 2008**

Item No. & details of work to be executed		Rate	Amount	
Description	Quantity		In figure	In words
Item No. 1: Providing & fixing GI pipes complete with all types of GI fittings, incl. painting 2 coats or more with anticorrosive bit mastic paint, trenching & refilling etc. in external work as per clauses of chapter 20 of CPWD specification: (i) 32mm dia nominal bore (ii) 40mm dia nominal bore (9+3)mt.	25 mt. 12 mt.			
Item No.2: Providing & fixing GI Pipes complete with all types of GI fittings & clamps incl. cutting chases and making good the walls etc. in internal work exposed on wall as per clauses of chapter 20 of CPWD specification: i) 20mm dia nominal bore ii) 32mm dia nominal bore	7 mt. 11 mt.			
Item No.3: Making connection of GI branch with GI main by providing and fixing Tee, nuts etc. incl. cutting and co reading the pipe, testing etc. complete in external work wall as per clauses of chapter 20 of CPWD specification: 25mm to 40mm dia nominal bore	1 No.			
Item No.4: Providing & fixing gun metal gate valve with cast iron wheel of approved quality (screwed) complete as per the clauses of chapter 20 of CPWD specification: i) 32mm dia nominal bore ii) 40mm dia nominal bore	1 No. 1 No.			

Contd.....2

<p>Item No.5: Providing & fixing brass stopcock of approved quality complete as per clauses of chapter 20 of CPWD specification: 32mm dia nominal bore</p>	<p>1 No.</p>			
<p>Item No.6: Providing & laying in position reinforced cement concrete of specific grade incl. the cost of form work, but excluding the finishing & reinforcement, all work up to plinth level as per clauses of chapter 5 of CPWD specification: 1:2:4 (1 cement:2 fine sand:4 graded well burnt brick aggregate of 20mm nominal size): 0.10x0.75x0.75x4 = 0.225cum 4x(0.75x0.75+0.30x0.30)/2x0.20 = 0.261 cum 0.30x0.30x3.75x4 = 1.35 cum 1.83x(4x0.254x0.254x2) = 0.94 cum</p>	<p>2.776 cum</p>			
<p>Item No.7: Providing and laying in position reinforced cement concrete of specific grade in domes, vaults, shells, folded places, conical clabs and roofs having slope more than 15o up floor 5 level incl. cost of form work but excluding finishing & reinforcement, all work up to plinth level as per clauses of chapter 5 of CPWD specification: 1:2:4 (1 cement:2 fine sand:4 graded well burnt brick aggregate of 20mm nominal size): 1.83x1.83x0.0762 cum</p>	<p>0.225 cum</p>			
<p>Item No.8: Reinforcement for RCC work incl. straightening, cutting, bending, placing in position & binding all complete up to floor level as per clauses of chapter 5 of CPWD specification: A. TMT Bars: i) 10mm dia TMT bar, size 0.75x9x2 = 13.5 @ 0.62kg/mt. ii) 10mm dia TMT bar: a) 1.8 x 19 Nos. = 32.2 mt b) 2.1 x 19 Nos. = 39.9 mt Total 74.1mt @ 0.62kg/mt iii) 16mm dia TMT bars: a) 4.00x4x4 = 64.00 mt. b) 1.8x4x4x2 = 57.60 mt. c) 2x4x2 = 16 mt B. MS Bars: i) 31Nos. x4x1.15 = 142.60 mt ii) 19Nos. x4x0.90 – 68.4 mt</p>	<p>136.60 mt.</p> <p>211.00 mt.</p>			

<p>Item No.9: 12mm cement plaster in single layer & neat cement punning incl. cost of materials required and finishing even & smooth and curing complete as per clauses of chapter 13 of CPWD specification. Cement mortar 1:5 (1 cement : 5 fine sand):</p> <p>i) 1.8x1.8x2 = 6.48 sqm ii) 3.00x0.30x4x4 = 14.4 sqm iii) 1.8x0.25x4x4x2=14.4 sqm</p>	<p>35.28 sqm</p>			
<p>Item No.10: Providing & fixing Wash Basin with CI brackets, 15mm CP brass pillar taps, 32mm CP brass waste of standard pattern incl. painting of fittings and brackets, cutting and making good the walls wherever required as per clauses of chapter 20 of CPWD specification and direction of Engineer-in-Charge:</p> <p>i) white vitreous china Wash Basis size 630x450mm with a pair of 15mm CPO brass pillar tap – 1x2</p>	<p>2 Nos.</p>			
<p>Item No.11: Providing and placing of terrace at all floor levels ISI marked polyethylene water storage as per IS 11701 with manhole lid and suitable locking arrangement incl. making holes for inlet, outlet and overflow pipe but without fittings & base support for tank as per clauses of chapter 20 of CPWD specification, 1000 lt. capacity</p>	<p>1 No.</p>			
<p>A. Total (Item 1 to 17)</p>				
<p>B. Add.....% for increase of rates (except item No.17)</p>				
<p>C. Add% on A above as contingencies</p>				
<p>GRAND TOTAL (A+B+C) Quoted cost</p>				

Quoted cost in words.....

.....) only

Signature of the Tenderer.....

Date
Seal

From:

To

The Joint Director,
ICAR Research Complex for NEH Region,
Tripura Centre, Lembucherra-799210.

Sub: Submission of Tender for'.....'
.....'

Ref: Your NIT No..... Dated.....

Sir,

With reference to the above NIT I/we hereby offer my/our rates as detailed in you 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 specifications/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)
- e)
- f)

4. An A/c Pay cheque/Demand Draft/Banker's Cheque bearing No. dated for Rs..... (Rupees.....) only drawn in favour of the Joint Director, ICAR, Tripura Centre is enclosed herewith being the cost of tender papers.

5. One Deposit-at-Call bearing No..... dated..... for Rs..... (Rupees.....) only, drawn in favour of the Joint Director, ICAR, Tripura Centre on SBI, Agartala 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 witness
Address

(Signature of Tenderer)

Terms & conditions

1. Only bonafide contractor/reputed construction firms duly registered and enlisted under CPWD/PWD/BSNL/MES/NBCC etc. and having PAN, valid registration with sales tax and Central Sales Tax (CST) (where applicable) are eligible for submitting tender. Tenderers having quoted for ISI/ISO certified equipment/service shall have preference.
2. As mentioned in the tender notice, the Earnest Money has to be submitted in the form of 'Deposit-at-Call in favour of the Joint Director, ICAR, Tripura Centre of any nationalized / state operated bank. Tender without the appropriate EMD will not be entertained and will be rejected. Number of the D'call has to be mentioned in submission letter.
3. The EMD will not carry any interest on it. The EMD of unsuccessful bidder (s) may be released on receipt of request from respective bidder, while the EMD of the successful tenderer (s) may be released only after 6 (six) months of completion of work. Request for release of such EMD after 3 years from the last date of receipt of tender not received, the same will be forfeited. Submission of EMD with tender is **compulsory** and no request for exemption is acceptable.
4. Tenders may be submitted in person and may drop in Tender Box or may send through Registered post/Speed Post. Responsibility of late receipt/postal delay/transit loss of such tender (s) sent through post will not be taken by the ICAR authority.
5. Tender paper (forms and other papers) has to be **downloaded from our website <http://www.tripuraicar.gov.in>** and an A/c payee cheque/Banker's cheque/Demand Draft for **Rs.500/-** (Rupees five hundred) only in favour of the Joint Director, ICAR, Tripura Centre to be attached with the tender. The cost of such Tender Paper has to be submitted separately for each of 'works'.
6. Tender (s) has to be submitted separately, in separate cover inscribing 'TENDER FOR.....(name of work)' together with all requisite documents, EMD and cost of tender paper.
7. The successful tenderer has to start the awarded work within a stipulated time to be mentioned in the 'Work order', failing which, penalty @5% (five percent) of the value of tender for delay of 15 days or fraction thereof will be imposed and will be deducted from contractor's bill or the EMD and the order will stand automatically cancelled.
8. Tender (s) should reach the office of the Joint Director, ICAR, Tripura Centre, Lembucherra within the stipulated date and time. Dropping time of tenders is 10 A.M. to 4 P.M. The tender so received up to the last date and time may be opened on that day, if possible. No tender will be received/entertained after the stipulated date and time.
9. Payment of Contractor's bill will be made by A/c payee DD/Cheque either from Tripura Centre or from our Complex's H. Qrs., Umiam, Meghalaya.
10. Appropriate Income tax by way of TDS (Tax Deducted at Source) as per the IT rates prescribed by Govt. of India will be deducted.
11. Decision of the Joint Director, ICAR Research Complex, Tripura Centre on any dispute related to the Tender shall be final and binding.
12. If the total number of tenders are received is less than three, the received such tenders will not be opened and will be returned.
13. The tenders should remain valid for **one year** from the date of acceptance.
14. the authority reserves the right to accept/reject any tender including the lowest one without assigning any reason thereof. The authority also reserves the right to accept any tender if the **lowest** bidder fails to complete the/does not start the awarded work within stipulated time, i.e., it is not mandatory of award the work to **2nd lowest**.

Signature of Tenderer

Joint Director/Asstt.A.O.

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

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

From

To

The Joint Director,
ICAR Research Complex for NEH Region,
Tripura Centre, P.O. Lembucherra,
West Tripura-799210, Tripura.

Sub: Application for release of EMD

Ref: Work entitled '.....
.....

Sir,

This is to request you that since I am not the successful bidder with regard to the above mentioned tender, hence my E.M.D. which was dispatched / submitted to your good self vide Deposit-at-Call / Demand Draft / Banker's Cheque No. _____ dated _____ for Rs. _____ of(name of Bank and Branch) drawn in favour of the Joint Director, ICAR Research Complex and payable and Agartala, may kindly be refunded to me at an early date.

Yours faithfully,

Date:

Signature & Seal of the Tenderer

