



**ICAR Research Complex for NEH Region**  
**Tripura Centre, P.O. Lembucherra 799 210**  
**West Tripura.**

No. RC/TC(T-50)/RKVY/2011/1576

January 30 , 2014.

**NOTICE INVITING TENDER UNDER RKVY PROJECT**

On behalf of ICAR, separate **SEALED** tenders for each of the following works are hereby invited from the contractors having valid registration / enlistment of State PWD / CPWD / BSNL / MES or any other authorized construction agency for execution of the following civil works under the RKVY project at KVK, Birchchandramanu:

Sl. No.	Name of work	Estimated cost	Earnest money
1.	Renovation of Pond including bench terrace above the pond	96,500.00	Rs.22,850/-
2.	Pucca brick masonry tanks, Nursery, Rearing, Brood Stock, drainage, pucca floor and farm brick path	2,83,500.00	
3.	Provision of 2 HP Water Pump with accessories and its installation	30,000.00	
4.	Provision of Air Blower Pipe line connection	1,39,750.00	
5.	Supply and installation of FRP Tanks	1,10,250.00	
6.	Fabrication and installation of Fence of Hatchery area (as per the Annexure-1 attached with the estimate showing for one meter)	3.05,000.00	

Detail Plan & Estimate-cum-Tender Paper will be available at our website <http://www.tripuraicar.gov.in>

Closing date for receipt of tenders: 20<sup>th</sup> February 2014 (up to 2-30 P.M.)

**Terms & Conditions**

1. The received tenders (**separately for each of the above works**) may be opened on the above date and time, if possible. The bidder himself or his authorized representative may remain present on the date of opening.
2. The successful bidder will have to undertake the awarded work within 7(seven) days of receipt of work order and to complete the same within a reasonable time of 30 (thirty) days or as may be specified in the work order.
3. The successful bidder has to adhere to the Plan & Estimate while minor deviation as may be specified by the undersigned/Programme Coordinator of KVK will be allowed subject to approval of the undersigned and further subject to the condition that the total expenditure must remain restricted to the administrative approved costs for each of the above works.
2. On completion of the allotted work, the bill in triplicate with **Measurement Book** duly signed by the Programme Assistant (T-7-8) of KVK, Birchchandramanu and copy of the handing over report may be submitted to the undersigned for arranging payment. The payment will be made either from our Complex's H. Qrs., Umiam, Meghalaya against bidder's bills and other related documents or from this Research Centre as per availability of the fund.
3. The undersigned reserves the right to accept and / or reject any tender including the lowest one without assigning any reason thereof.
4. Tenders are to be incorporated with copies of Enlistment, Registration, Labour Registration and ITC, PTC etc.
5. Earnest money in the form of **Deposit-at-Call/Banker's Cheque/Demand Draft (No personal Cheque)** in favour of the undersigned of any bank must be attached with the tenders.
6. The cover containing the tender must be superscripted by "Tender for 6 (six) Nos. of civil works under RKVY Project at KVK".
7. Rs.1000/- (one thousand) only has to be paid as the cost of Tender Paper (non-refundable). This is in the form of A/c payee cheque/DD in favour of the Joint Director, ICAR, Tripura Centre, payable at Agartala. This if for the above 6 Nos. of civil works.

Sd/-  
(M. DATTA)  
Joint Director

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)

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 Tenderer with date and seal

Signature of witness with address.

#### Terms & conditions

1. Only bonafide suppliers/stockiest firms duly registered and having PAN, valid registration with sales tax and Central Sales Tax (CST) (where applicable) are eligible for submitting tender.
2. As mentioned in the tender notice, the Earnest Money has to be submitted in the form of '**Deposit-at-Call/Bankers Cheque (but no personal cheque)**' 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.
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/supply & installation/demonstration. Request for release of such EMD after 3 years from the last date of receipt of tender not received, the same may 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 the tenders has to be submitted in the tenders papers for 6 Nos. of estimates and to be submitted in the 6 different covers. All such 6 tenders are to be inserted in a large cover putting the bidder's full address and contract number. This cover should be super scribed as '**Tender for 6 Nos. of civil works under RKVY Project at KVK**'.  
**http://www.tripuraicar.gov.in**
6. The successful tenderer has to complete execution of civil works/supply/demonstration./installation within stipulated time, 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. (except closing date, that is the time is 20<sup>th</sup> February 2-30 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 supplier's bill will be made by transferring the amount of the bill to the bank account of the Contractor. Details of his bank account with name, account number, branch name etc. are to be attached with the tender, which is compulsory. The payment may be made either from Tripura Centre (as per availability of fund) 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 or time may be extended for once.
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 **2<sup>nd</sup> 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

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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

**Estimate No. No.1**

Ref.1/ Item-2 (a)

Name of work:- Renovation of Pond including bench terrace above pond.

Size: (19.0x14.0x2.25) m and terraces, 4.00m width of 275.0 m length above pond

Rate;- Based on TSR 2011.

Agency:- Departmental through Contractor/Tender

Item no./S No.of TSR 2011	Specification	Qty	Rate (Rs.)	Unit	Amount
1/2.12.1	Earth work in excavation over areas (exceeding 30cm in depth, 1.5m in width as well as 10 sqm on plan) including disposal of excavated earth, lead up to 50m and lift up to 1.5m, disposed earth to be leveled and neatly dressed.  All kinds of soil	14.0x19.0x2.25= 599.00 cum 1/2x2.75x0.9x150= 185.63 cum 1/2x2.75x0.9x125= 171.88 cum <b>Total=956.01 cum</b>		cum	
2/2.1	Clearing jungle including uprooting of rank vegetation, grass, brush wood, trees and saplings of girth up to 30 cm measured at a height of 1 m above ground level and removal of rubbish up to a distance of 50 m outside the periphery of the area cleared.	13.00m x138.0m=1794.00 sqm <b>Total=1794.00 sqm</b>		sqm	
	<b>Total</b>				

Rupees..... only

Signature of the bidder with seal and date

Signature of witness

**Estimate No.2**

Ref.1/ Item-2 (b)

Name of work:- Pucca Brick masonry tanks of Nursery, Rearing , Brood Stock ,drainage, pucca floor, farm brick path etc.

Tank Size (Inside): (6.00x2.40x1.05)m-1 no. and (2.90x2.40x0.75)m-4 nos.

Rate;- Based on TSR 2011.

Agency: - Departmental through Contractor/ Tender.

Item no./S No.of TSR 2011	Specification	Qty	Rate	Unit	Amount
1/2.12.1	Earth work in excavation over areas (exceeding 30cm in depth, 1.5m in width as well as 10 sqm on plan) including disposal of excavated earth, lead upto 50m and lift upto 1.5m, disposed earth to be levelled and neatly dressed.  All kinds of soil	7.10x3.5x0.60= 14.91 cum 2x7.10x3.5x0.45= 22.37 cum 100.00x0.08=8.00 <b>Total=45.28 cum</b>		cum	
2/2.18	Supplying and filling in plinth, under floor, foundations etc. with sand (fine) from local quarry with all lifts including spreading in horizontal layers, watering, grading to required slope, ramming, consolidating and compacting each layer by using plate compactor or by any suitable method complete.	6.70x3.10x0.05=1.04 2x6.70x3.10x0.05=2.08 100x0.05=5.00 <b>Total=8.12 cum</b>		cum	
3/10.2.2	Providing and laying flat brick flooring in cement mortar including cement slurry etc. complete. In cement mortar 1 : 5 ( 1 cement : 5 fine sand )	7.10x3.50=24.85 sqm 2x7.10x3.50=49.70 sqm 30.5x1=30.50 100.00x0.4=40.00 75.00x0.40=30.00 20.00x0.50=10.00 <b>Total=185.05 sqm</b>		sqm	
4/10.3	Providing and laying dry flat brick flooring in required	13.50 x1.20=16.20		sqm	

	pattern complete.	$26.0 \times 1.40 = 36.40$ $16.0 \times 1.40 = 22.40$ $6.0 \times 1.00 = 6.00$ <b>Total=81.00 sqm</b>			
5/6.10.3	<p>Half brick masonry work with first class bricks in foundation and plinth including cost of all materials as required complete:-</p> <p>In cement mortar 1:4 ( 1 cement : 4 fine sand ).</p>	$6.30 \times 2 \times 1.05 = 13.23$ sqm $2.40 \times 2 \times 1.05 = 5.04$ sqm $2 \times 6.30 \times 0.75 = 18.90$ $2 \times 2.40 \times 2 \times 0.75 = 7.20$ $50.0 \times 2 \times 0.23 = 23.00$ $175.00 \times 0.20 = 35.00$ $20.0 \times 0.20 = 4.00$ <b>Total=106.37 sqm</b>		sqm	
6/10.9.2	<p>Providing and laying cement concrete 1:2:4 (1 cement : 2 fine sand : 4 graded well burnt brick aggregate) flooring finished with a floating coat of neat cement including cement slurry, rounding of edges and strips etc. complete. 40 mm thick with 20 mm well burnt brick aggregate</p>	$2.40 \times 6.00 = 14.40$ sqm $2.90 \times 2.40 \times 4 = 27.84$ $195.00 \times 0.20 =$ <b>Total=42.24 sqm</b>		sqm	
6/4.5(ii)	<p>Providing and laying flat brick soling layer on prepared subgrade according to lines, grades and cross-section shown on the drawing, filling joints with Earth, free from clay with a Plasticity Index not exceeding 6, watering and rolling the same with three wheeled road roller 80-100 KN as per MoRD Technical Specification Clause 412.</p>	$169.00 \times 1.25 = 211.25$ $25.00 \times 0.75 = 18.75$ <b>Total=230.00 sqm</b>			
6/4.1.15	<p>Providing and laying in position cement concrete of specified grade excluding the cost of centring and shuttering -All work upto plinth level:</p> <p>1:4:8 ( 1 Cement: 4 fine sand : 8 graded well burnt brick aggregate 40 mm nominal</p>	$30.5 \times 2.7 \times 0.05 = 4.12$ cum $5.5 \times 1.0 \times 0.05 = 0.28$ <b>Total=4.40 cum</b>		cum	

	size)				
7/4.5	Providing and laying brick edging laid lengthwise on prepared subgrade according to lines, grades and cross-section shown on the drawing, filling joints with Earth, free from clay with a Plasticity Index not exceeding 6, watering and rolling the same with three wheeled road roller 80-100 KN as per MoRD Technical Specification Clause 412.	30.5x2=71.00 1.0x2=2.0 <b>Total=73.00 m</b>		m	
7/12.1.3 and 12.5	12 mm cement plaster in single layer including cost of materials required and finishing even and smooth and curing complete.  In cement mortar 1 : 5 ( 1 cement : 5 fine sand ) and floating coat of neat cement.	2x6.0x2x1.13=27.12 sqm 2x2.70x2x1.13=12.20 2x6.0x4x0.83=31.84 2x6 nos.x2.4x0.83=23.90 30.00x1=30.00 sqm 195.00x0.50=97.50 <b>Total=230.56 sqm</b>		sqm	
8/19.12	Providing and fixing G.I. pipes complete with G.I. fittings including trenching and refilling etc.  a)25 mm dia. nominal bore	3.0x1= 3.0 m		m	
	b)40 mm dia. nominal bore	10.0x1= 10.0 m		m	
	c)80 mm dia. nominal bore	6.0x1 nos.= 6.00 Nos.		m	
9/19.11.1	Providing and fixing G.I pipes complete with G.I. fittings and clamps, including making good the walls/floor etc. concealed pipe including painting two coats or more with anticorrosive bitumastic paint, cutting chases and making good the same.	15.00 mx1=15.00 m		m	



	A)15 mm diagram nominal bore				
	B) 20 mm diagram nominal bore	15.00 mx1=15.00 m		m	
10/19.13	Making connection of G.I. distribution branch with G.I. main of following sizes by providing and fixing tee, including cutting and threading the pipe etc. complete : 25 to 40 mm nominal bore	1x1= 1 no		Each	
11/19.18.1 and 19.18.2	Providing and fixing ball valve (brass) of approved quality complete : 15 mm nominal bore	5x1 = 5 Nos.		Each	
	A)20 mm nominal bore	5x1 = 5 Nos.		Each	
	B) 25 mm nominal bore	1x1 = 1 No.		Each	
	<b>Total</b>				

Rupees..... only

Signature of the bidder with seal and date

Signature of witness

Estimate No. 3

Ref.2/ Item-4 (c)

Name of work:- Fabrication & Installation of fence of Hatchery area.

Length:- 303.50 meters

Rate;- Based on Market Rate

Agency:- Departmental through Contractor/Tender.

Item no.	Specification	Qty	Rate	Unit	Amount
1	MS angle pillars-40x40x5 mm (1.75 m long) 2.0 m centre to centre embedded in plain CC 1:3:6 block of size (0.254x0.254x0.55) m 0.10 m above ground level and 0.45 m below ground level; Hard drawn wire net-10 gauge fitted by welding with MS flat-25x5 mm at top and bottom to MS angle pillars; priming and painting etc. complete as per direction of Engineer in charge.	303.50 metre	(Rate as per analysis enclosed in Annexure I)	metre	
	Total=				

Annexure -I

**Cost Estimate of Fencing for one meter**

Specification: MS angle pillars-40x40x5 mm (1.75 m long) 2.0 m centre to centre embedded in plain CC 1:3:6 block of size (0.254x0.254x0.55) m 0.10 m above ground level and 0.45 m below ground level; Hard drawn wire net-10 gauge fitted by welding with MS flat-25x5 mm at top and bottom to MS angle pillars; priming and painting etc. complete as per direction of engineer in charge.

Rate: Based on Market rate,

Analysis/Details based on 40.0 m long fence

S no.	Particulars	Quantity	Rate(Rs.)	Amount(Rs.)
1	MS angle -(40x40x5) mm	2.76 kg		
2	MS Flat-(25x5) mm	2.15 kg		
3	Hard drawn wire net-(1.2 m high)	0.0655roll		
4	Cement	0.09 bag		
5	Sand( Coarse)	0.31 cft		
6	Chips-25 mm	0.6		
7	Primer- metal	0.066 lit		
8	Paint-	0.108		
9	Thinner	0.0807		
10	Brush	0.05 nos.		
11	Sand paper	0.15 nos.		

12	Fitting of hard drawn net to post by welding	1.0		
13	Fabrication	4.91 kg		
14	Skilled labour for laying CC, alignment, priming, painting	0.17		
15	Unskilled labour for jungle cutting, surface dressing of site, excavation, laying CC, alignment, priming, painting	0.34		
16	Transportation	1 job		
	Total Per metre cost			
	Add 3% contingencies			
	Total			
	Add 10 % contractor's profit			
	Grand Total			
	Cost for 303.50 mt x cost of one meter			

Rupees.....  
only.

Signature of the bidder with seal and date

Signature of witness

Estimate No. 4

Ref.2/ Item-4 (b) (i)

Name of work:- 2 hp Water Pump Set, accessories and installation

Rate; - Based on Market rate

Agency: - Departmental through Contractor/Tender/ Quotation

Item no./S No.	Specification	Qty	Rate (Rs.)	Unit	Amount
1	2 hp Mono Block pump With Electric motor.	1 set		Each	
2	GI bend 3.0inch	1 no.		Each	
3	GI tail piece	3 nos.		Each	
4	PVC foot valve	1 no.		Each	
5	PVC hose pipe, 3 inch size	2 coil (30 m coil)		Each	
6	Installation charge with concrete base and cover	1 job		Each	
	Total=				

Rupees.....  
only.

Signature of the bidder with seal and date

Signature of witness

Estimate No. 5

Estimate for Air Blower Pipe Line Connection

Ref. 2/Item - 4(b)(ii)

Estimated cost is as per market price

Item no./S No.	Specification	Qty	Rate (Rs.)	Unit	Amount
1.	Resun CPBC Air Pipe	120ft			
2.	L connector Resun CPBC Air Pipe	10 Nos.			
3.	Air Dropper Regulator	35 Nos.			
4.	Water shower pipe connection	150 ft.			
5.	Water shower nozzle	35 pieces			
6.	Connector	40 pieces			
7.	Fitting Charge (both)	One job (both sides)			
8.	Transportation	One job			
9.	Air Blower (Eheam Super Sonic 3000 For 35 Tank Capacity)	1 No.			
	Total				

Rupees.....  
only.

Signature of the bidder with seal and date

Signature of witness

Farm No. 6

Estimate for FRP Tanks

Ref. 2/Item - 4(b)(iii)

Estimated cost as per market price

Item no./S No.	Specification	Qty	Rate (Rs.)	Unit	Amount
1.	FRP hatching trough [2.0 X 0.6 X X 0.35] Mt with 1.5"coller	1 No.			
2.	FRP rectangular tank (1.7X0.75X0.50)with 1.5" coller	2 Nos.			
3.	FRP round tank (1.2 m diaX 1m height)with 1.5" coller	2 Nos.			
	Total				

Rupees.....  
only.

Signature of the bidder with seal and date

Signature of witness