



पूर्वी क्षेत्र के लिए भारतीय कृषि अनुसंधान परिषद का अनुसंधान परिसर
ICAR RESEARCH COMPLEX FOR EASTERN REGION
(भारतीय कृषि अनुसंधान परिषद INDIAN COUNCIL OF AGRICULTURAL RESEARCH)

आई.सी.ए.आर. परिसर, पोस्ट – बिहार भेटनरी कॉलेज, पटना – 800014 (बिहार), भारत
ICAR Parisar, P/o - Bihar Veterinary Collage, Patna – 800 014 (Bihar), INDIA
फोन सं. Phone No. (0612) 2228805, **2228882*104**, फ़ैक्स सं. Fax No.2223956, Website: <http://www.icarrcer.org>

U.P.C.

F.No.IRCER/08-09/P&S-21(D)/Implement Shed /

Dated: 26.11.2008

To,

M/s

Sub: Re-quotation for “construction of implement shed at Main Complex Farm” - reg.

Sir,

ICAR Research Complex for Eastern Region, Patna, a unit of Indian Council of Agriculture Research, Ministry of Agriculture, Govt. of India, invites quotations for “**construction of implement shed at Main Complex Farm**” of this institute from the reputed firms/contractors.

Accordingly it is requested to quote your lowest rates keeping in view of the following terms and conditions:-

1. The offered rates should reach this office on or before **06.12.2008 up to 5.00 PM** at the latest. The quotation received thereafter will not be considered. The quotations so received will be opened on **next working day**.
2. No advance payment will be made but payment is assured within 10 days from the date of completion of ordered work satisfactorily and submission of your bill subject to the condition that all the required formalities are done before submission of bill.
3. The proposed works may be increased or decreased at the discretion of the Director, ICAR Research Complex for E.R. Patna, while placing the work order.
4. The rates quoted for work at **ICAR-RCER, Patna** should be inclusive of all charges such as Service Tax etc. if any.
5. The works will have to be **completed within 45 days after issuing the work order**. In case of failure to execute the work within the specified date/period, **penalty @ 2.00% per month** will be charged.
6. The necessary required documents i.e. Registration of firm, Valid labour license, Proof of Income Tax payee (latest income tax return), Related (construction) working experience with supported documents of last 5 years, VAT/Sales tax number (if applicable) are must and should be enclosed with the quotation failing which the quotation will not be considered. **All the documents should be self attested. CHECK LIST** in the prescribed format must be filled in and attached alongwith the quotation.

Contd./02

: 02 :

7. **Earnest Money Deposit @ 2.5% of estimated value of work** is to be deposited in the shape of Demand Draft drawn in favour of “ICAR Unit: ICAR-RCER, Patna” alongwith quotation, which will be adjusted against security deposit or otherwise refunded. Quotations without EMD are liable to be rejected.
8. **Security Deposit @ 5% of the cost of the work value** is to be deposited within 10 days of award of work in the shape of Demand Draft drawn in favour of “ICAR Unit: ICAR-RCER, Patna”, *which will be refunded after satisfactory completion of warranty period / 01 year.*
9. Conditional offers are liable to be rejected summarily.
10. Acceptance of the lowest offer is not mandatory on the part of this institute.
11. The Director, ICAR Research Complex for Eastern Region, Patna reserves all rights to accept or reject any of the quotations without assigning any reasons thereof.

The quotations should be addressed to the **Administrative Officer, ICAR Research Complex for Eastern Region, ICAR Parisar, P.O.: Bihar Veterinary College, Patna – 800 014 (Bihar)** in a sealed cover superscribed quotation for “**construction of implement shed at Main Complex Farm**”.

Yours faithfully,

(G.F. Shahir)
Administrative Officer

Copy to:-

- 1) Dr. D.K. Daushal, Chairman IPC.
- 2) Dr. A.K. Singh, Chairman Works Committee.
- 3) FAO, ICAR-RCER, Patna.
- 4) Dr. S.K.S. Raghav, Farm Manager (Indenter)
- 5) Dr. R.C. Bharti, I/c ARIS Cell – please download at Institute web site upto last date of quotation.
- 6) Notice Board.

CHECK LIST

Sl. No.	Document attached	Please write (Yes / No)	Page No. of the Quotation for reference
1.	Registration of firm		
2.	Valid labour license		
3.	Proof of Income Tax payee (latest income tax return)		
4.	Related (construction) working experience with supported documents of last 5 years		
5.	VAT/Sales tax number (if applicable)		

(Authorized signature of Firm with seal and date)

Contd./03

**Specification for construction of implement shed at main complex farm
[Size: 60'x20' + Ramp (60'x10')]**

SI No	Name of work	Quantity	Rate	Amount
1.	Making 25 cm (10") dia. bore up to 4m depths with hand auger of approved quality etc. all complete the job as per specification, drawing and direction of Engineer /Engineer Quantity: Nos of pile = 18 Nos., 18 Nos x 8'-0" = 144 rft.	144 rft		
2.	Providing RCC (1:2:4) at required depth of foundation with approved quality of stone chips and sand. Including mixing, placing and curing etc. excluding reinforcement all complete the job as per specification and direction of Incharge/Engineer. Quantity: RCC (1:2:4) for piling = $22/7 \times (5''/12) \times (5''/12) \times 8'-0'' \times 18\text{Nos} = \mathbf{78.57\ cft}$	78.57 cft		
3.	Providing RCC (1:2:4) at GL with approved quality of stone chips and sand in capping beam (foundation beam).including placing of materials, carriage, shuttering and curing etc. excluding reinforcement all complete the job as per specification and direction of Incharge/Engineer Quantity : Long wall: 2Nos x 10'' x 9'' x 60' = 75 cft Short wall: 4Nos x {(20'-0'') - (2'-6'')} x 10'' x 9'' = 43.75 cft Net Quantity = 75 cft+43.75 cft = 118.75	118.75 cft		
4.	Providing RCC (1:2:4) in stiffeners (column) with approved quality of stone chips and sand including centering, shuttering, mixing, placing& curing etc. excluding reinforcement All complete the job as per specification and direction of In-charge/Engineer, from G L to Roof level Quantity: 15Nosx10''x10''x 15'-0'' = 156.25 cft 03Nosx10''x10''x 3'-0'' = 6.25 cft Total = 162.5 cft	162.50 cft		
5.	Providing 75 designation brick with mortar (1:6) in foundation and plinth with approved quality of brick and sand etc. All complete the job as per specification and direction of In-charge/Engineer. Quantity: Brick work: GL to PL Long wall: 2 Nos x {(60'-0'') - (4'- 2'')} x 2'- 3'' x 10'' = 209.4 cft Short wall: 4 Nos x {(20'-0'') - (2'-6'')} x 2'- 3'' x 10'' = 131.25 cft Ramp wall: 2Nos (10'-0'' x 4'-0'')/2 x 10'' = 33.33 cft Total = 373.98 cft	373.98 cft		
6.	Providing RCC (1:2:4) at PL as DPC with approved quality of stone chips and sand including centering, shuttering, mixing, placing and curing etc. excluding reinforcement. All complete the job as per specification and direction of In-charge/Engineer. Quantity: 3'' DPC at PL = Long wall: 2 Nos x {(60'-0'') - (4'- 2'')} x 0'- 3'' x 10'' = 23.26 cft Short wall: 4 Nos x {(20'-0'') - (2'-6'')} x 0'- 3'' x 10'' = 14.58 cft Total = 37.84 cft	37.84 cft		

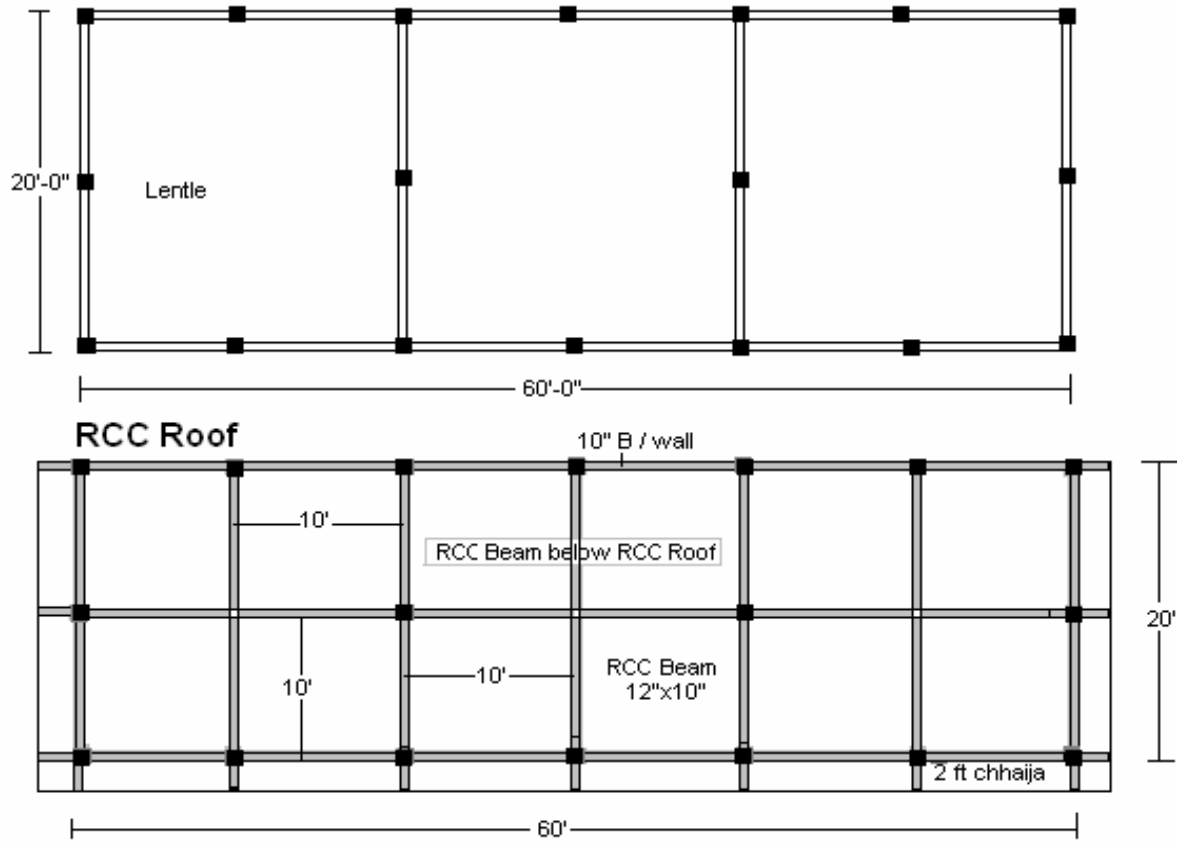
7.	<p>Providing RCC (1:2:4) beam at lintel level with approved quality of stone chips and sand including centering, shuttering, mixing, placing and curing etc. excluding reinforcement. All complete the job as per specification and direction of In-charge/Engineer.</p> <p>Quantity: RCC Beam at lintel level: Long beam = 2 Nos x 64'-0" = 128 ft Long beam = 1 No x 64'-0" = 64 ft Short beam = 7 Nos x 22'-0" = 154 ft Beam size: 10"x12", 282' x 10" x 12" = 288.33 cft Deduction: (-) Column = 11 Nos x 10"x10"x12" = 7.63 cft Column = 04 Nos x 10"x10"x18" = 4.16 cft Total deduction = 11.79 cft. Net quantity: 384.33 – 11.79 cft. = 372.54 cft.</p>	372.54 cft		
8.	<p>Providing coarse clean sand/ Ganga sand filling in foundation and plinth including watering and reaming in layers etc. All complete the job as per specification and direction of In charge/Engineer.</p> <p>Quantity: $\{(60'-0") - (3'-4")\} \times (20'-0") - (1'-8")\} \times 3'-0"$ = 3118 cft Ramp: $(60'-1.83)/2 \times 3' \times 10' = 872.55$ cft Total = 3118 + 872.55 cft = 3990.55 cft</p>	3990.55cft		
9.	<p>Providing designation 75A brick work in 1:6 superstructures with approved quality of bricks and sand including screening the sand, scaffolding & racking out joints etc. all completes the job as per specification and direction of Incharge/Engineer.</p> <p>Quantity – Long wall: 1No x 60'-0" x 12'-0" x 10" = 600 cft Short wall: 2Nos x 20'-0" x 12'-0" x 10" = 400 cft Total = 1000 cft</p> <p>Deductions: Stiffeners: 9Nos x 10"x10"x 12'-0" = 6.25 cft Beam: $[1 \text{ Nox}\{(60'-0") - (5'-10")\} + 2\text{Nosx}\{(20'-0") - (2'-6")\}] \times 10" \times 12" = (54.17' + 35') \times 10" \times 12" = 74.30$ cft Net quantity: 1000 – 74.30 = 925.7 cft</p>	925.70 cft		
10.	<p>Providing RCC (1:2:4) roof slab as lintel with approved quality of stone chips and sand including centering, shuttering, mixing, placing and curing etc. excluding reinforcement. All complete the job as per specification and direction of In-charge/Engineer.</p> <p>Quantity: Roof area: $(60'+2'+2') \times (20'+2') = 64' \times 22' = 1408$ sft Thickness of slab = 4" Net quantity = 1408 sft x 4" = 469.33 cft</p>	469.33 cft		
11.	<p>Providing 12mm thick cement plaster (1:6) with approved quality of sand including screening mixing and curing etc. All complete the job as per specification and direction of Engineer/Engineer.</p> <p>Quantity: Long wall: 1Nox 60' x 12' = 720 sft Short wall = 2Nos 20' x 3' = 120 sft (2Nosx 20' x 12') x 2 = 960 sft Ceiling = 64' x 22' = 1408 sft</p>	5156.41 sft		

	Pillars = 7Nos x3'-4" x 11' = 256.41sft Beam = 5Nos x 2'x22' + 2'x 2'x4Nos = 236 sft 2No x 64'x2' = 256 sft Floor = 60'x20' = 1200 sft Total = 5156.41 sft			
12.	Providing designation 75 Brick flat soling in floor joint filled properly with local sand. All complete the job as per specification and direction of In charge/Engineer. Area: Floor: (20'-0") - (1'-8") x (60'-0") - (1'-8") = 1056.94 sft Ramp: (60'-0") - (1'-8") x (11' - 1.83') = 533.41 sft Total = 1056.94+ 533.41 = 1590.35 sft	1590.35sft		
13.	Providing 50mm thick cement concrete (PCC 1:2:4) in floor with proper slope and upper surface crust finish, including curing etc. All complete jobs as per specification and direction of In-charge/Engineer. Quantity = Floor area: 60'x- 19.33'x 1No = 1159.8 sft Thickness of PCC floor = 50 mm (2") Quantity =1159.8 sft x2" = 193.3 cft	193.30 cft		
14.	Providing two coat of Snow cem of approved shed make over a coat of cement primer on new surface including cost of cleaning the surface etc. all complete the job as per specification and direction of I/E. Area = Area same as plaster area except floor area = 5156.41 sft - 1200 sft = 3956.41 sft	3664.41 sft		
15.	Providing reinforcement for RCC including straightening, cutting, bending, placing in position and binding all complete the job as per direction of In charge/Engineer. Quantity = a) Piling (12 mm dia twisted M S bar x 6 Nos) = 78.57 cft @ 2.5 kg/cft = 196.42 kg b) Foundation beam (10 mm dia twisted M S bar x 4Nos) = 118.75 cft @ 2.00 kg/cft = 237.50 kg c) Column (12mm dia twisted M S bar x 6Nos)= 162.5cft @ 2.5 kg/cft = 406.25 kg d) DPC at PL (10 mm dia twisted M S bar) = 37.84 cft @ 1.5 kg/cft = 56.76 kg e) Beam at lintel level (12 mm dia twisted M S bar x 6 Nos) = 288.33 cft @ 2.25 kg/cft = 648.74 kg. f) Beam (front) size: 12" x 18", 64' x 12" x 18" = 96 cft (16mm dia twisted M S barx 6 Nos., 12 mm dia twisted M S bar x 2 Nos & 8 mm dia M S Rod tag) = 96 cft. @ 2.75 kg/cft = 264 kg. g) RCC roof (10mm dia twisted M S bar, spacing 6"x 6") = 469.33 cft @ 2.00 kg/cft = 938.66 kg Total = 2748.33 kg	2748.33 kg		
		Total Rs.		

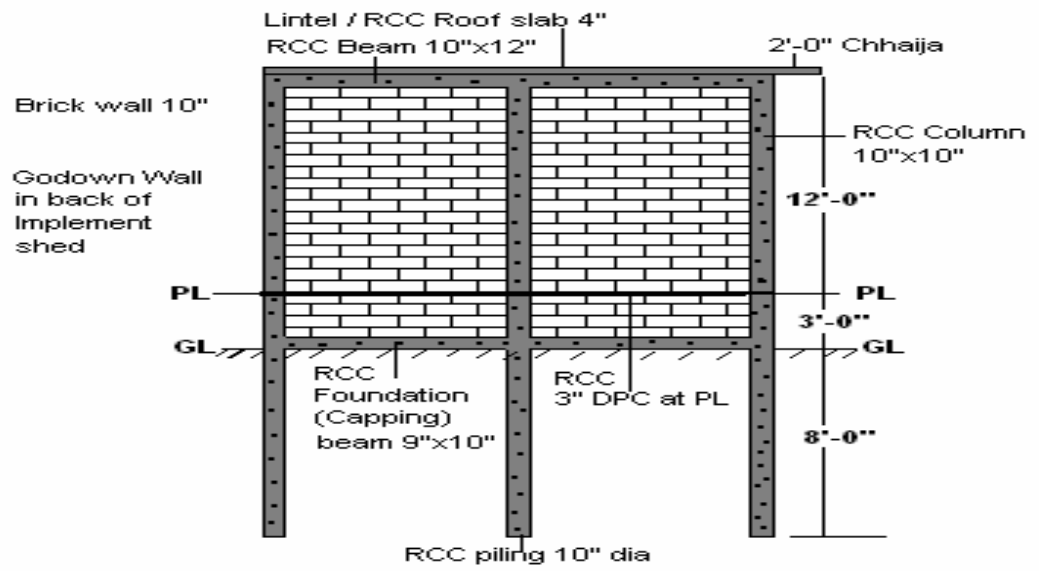
* Note: Rates must be quoted in digit and word also.

(Authorize Signature of Firm with seal and date)

Implement Shed (Plan up to PL) - Main Complex



Side Wall of Implement shed



Implement Shed (Main Complex)

