



भा.कृ.अनु.प. - केन्द्रीय द्वीपीय कृषि अनुसंधान संस्थान
ICAR - CENTRAL ISLAND AGRICULTURAL RESEARCH INSTITUTE
पोस्ट बॉक्स नं. 181, पोर्ट ब्लेयर - 744 101
POST BOX NO. 181, PORT BLAIR - 744 101
अंडमान तथा निकोबार द्वीप समूह, भारत
ANDAMAN AND NICOBAR ISLANDS, INDIA
Tel.: 03192 - 250235; Fax: 03192 - 251068



E-mail: director.ciari@icar.gov.in
Website: <https://ciari.icar.gov.in>

F. No. 57(18)16-17/Estate

2911

Dated: 27/01/2022

NOTICE INVITING -TENDER (e- Publishing Offline Mode)

Open Bids are invited in single stage one bid system from firms enlisted with CPWD, APWD, MES or any other Govt. Department or earlier worked in ICAR-CIARI, Port Blair, having adequate experience and financial capability for executing different civil works.

Tender document may be downloaded from the CPPP Portal or ICAR-CIARI website URL- <http://icar-ciari.res.in> and submitted physically through speed post/by hand as given in CRITICAL DATE SHEET CUM- INFORMATION TABLE as under:

CRITICAL DATE SHEET CUM- INFORMATION TABLE

Name of the Organization	ICAR-Central Islands Agricultural Research Institute, Bathu Basti, Garacharma (Post), Port Blair, South Andaman.
Name of work	Repair and renovation of Feed Mill of Animal Science Division ICAR-CIARI, Port Blair
Last Date of receipt of bids	18.02.2022 at 03:00 PM
Bid opening date	18.02.2022 at 03:30 PM
Cost of tender document	NIL
Total Estimate cost	Rs. 7,46,192/-
EMD/Bid Security	Rs. 15,000/-
Bid Validity	60 days from the bid opening date
Performance Security	10% of the contract value which shall be retained as security deposit for one year
Place of opening of tender bids	The director's committee room, ICAR- Central Islands Agricultural Research Institute, Bathu Basthi, Garacharma (Post), Port Blair, South Andaman
Place of bid submission	Administration Block - II, ICAR-CIARI, Bathu Basthi, Garacharma Post, Port Blair- 744 105

Shibani
27.1.22
(Shibani Sengupta)
Asstt. Administration Officer

Copy to:

1. Notice Board- Office Building, Engineering building, ICAR-CIARI, Port Blair.
2. The In-charge AKMU Cell, ICAR-CIARI, Port Blair, with request to upload this tender and tender documents to our Institute website and CPPP Portal.

ICAR-CENTRAL ISLAND AGRICULTURE RESEARCH INSTITUTE

PORT BLAIR – 744105

F. No. 57(18)/16-17/Estate

TENDER DOCUMENT

NAME OF WORK: Repair & renovation of Feed Mill of Animal Science Division at Garacharma.

Size: 10.40m (L) x 6.25m (B) x 3.50m (H)

SCHEDULE OF WORK

Sl. No.	Description	Qty.	Unit	Rate	Amount
1	Dismantling roofing including ridges, hips, valleys and gutters etc., and stacking the material within 50 metres lead of:				
1.1	G.S. Sheet	98.50	sqm		
2	Dismantling steel work manually/ by mechanical means in built up sections without dismembering and stacking within 50 metres lead as per direction of Engineer-in-charge.	446.00	kg		
3	Demolishing brick work manually/ by mechanical means including stacking of serviceable material and disposal of unserviceable material within 50 metres lead as per direction of Engineer-in-charge.				
3.1	In cement mortar	9.10	cum		
4	Demolishing cement concrete manually/ by mechanical means including disposal of material within 50 metres lead as per direction of Engineer - in - charge. 15.2.1 Nominal concrete 1:3:6 or richer mix (i/c equivalent design mix)	0.70	cum		
5	Dismantling doors, windows and clerestory windows (steel or wood) shutter including chowkhats, architrave, holdfasts etc. complete and stacking within 50 metres lead :				
5.1	Of area 3 sq. metres and below	4	each		
6	Taking out doors, windows and clerestory window shutters (steel or wood) including stacking within 50 metres lead :				
6.1	Of area 3 sq. metres and below	12	each		

7	Structural steel work riveted, bolted or welded in built up sections, trusses and framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete.	1120	kg		
8	Cement concrete hollow Block masonry with cement concrete hollow block of size 400x200x200mm laid in cement mortar 1:6 (1 cement : 6 pulverised sand), and as directed by the Incharge Estate section/Engineer-in-charge.	11.1	cum		
9	Reinforced cement concrete work in walls (any thickness), including attached pilasters, buttresses, plinth and string courses, fillets, columns, pillars, piers, abutments, posts and struts etc. above plinth level up to floor five level, excluding cost of centering, shuttering, finishing and reinforcement : <u>5.2.2</u> 1:1.5:3 (1 cement : 1.5 coarse sand(zone-III) : 3 graded stone aggregate 20 mm nominal size)	0.16	cum		
10	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 above plinth level up to floor five level, excluding the cost of centering, shuttering, finishing and reinforcement with 1:1.5:3 (1 cement : 1.5 coarse sand(zone-III) : 3 graded stone aggregate 20 mm nominal size).	0.53	cum		
11	Centering and shuttering including strutting, propping etc. and removal of form for :				
11.1	Lintels, beams, plinth beams, girders, bressumers and cantilevers	5.30	sqm		
11.2	Columns, Pillars, Piers, Abutments, Posts and Struts	3.20	sqm		
12	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete above plinth level. <u>5.22A.6</u> Thermo-Mechanically Treated bars of grade Fe-500D or more.	68.00	kg		
13	Refixing of dismantled steel truss and purlin by welded/bolted connections, as required all complete.	446.00	kg		
14	Providing of GI sheet 24 gauge over the steel built up section and fixing it with screws, etc. as required all complete. (approx. 15 sqm)	1 Job	LS		

	Providing and fixing precoated galvanised iron profile sheets (size, shape and pitch of corrugation as approved by Engineer-in-charge) 0.50 mm (+ 0.05 %) total coated thickness with zinc coating 120 grams per sqm as per IS: 277, in 240 mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 microns. Sheet should have protective guard film of 25 microns minimum to avoid scratches during transportation and should be supplied in single length upto 12 metre or as desired by Engineer in- charge. The sheet shall be fixed using self drilling /self tapping screws of size (5.5x 55 mm) with EPDM seal, complete upto any pitch in horizontal/ vertical or curved surfaces, excluding the cost of purlins, rafters and trusses and including cutting to size and shape wherever required.	122.00	sqm		
16	Providing and fixing precoated galvanised steel sheet roofing accessories 0.50 mm (+0.05 %) total coated thickness, Zinc coating 120 grams per sqm as per IS: 277, in 240 mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 microns using self drilling/ self tapping screws complete :				
16.1	Ridges plain (500 - 600mm)	27.00	metre		
17	Extra for providing and fixing wind ties of 40x 6 mm flat iron section.	38.1	metre		
18	Dismantling old plaster or skirting raking out joints and cleaning the surface for plaster including disposal of rubbish to the dumping ground within 50 metres lead.	78	sqm		
19	12 mm cement plaster of mix :				
19.1	1:6 (1 cement: 6 fine sand)	65.5	sqm		
20	15 mm cement plaster on the rough side of single or half brick wall of mix :				
20.1	1:6 (1 cement: 6 fine sand)	155	sqm		
21	Providing and fixing panelled or panelled and glazed shutters for doors, windows and clerestory windows fixing with butt hinges of required size with necessary screws, excluding panelling which will be paid for separately, all complete as per direction of Engineer-in-charge. (Note:- Butt hinges and necessary screws shall be paid separately)				
21.1	Kiln seasoned and chemically treated hollock wood/Neem wood/equivalent				
21.1.1	35 mm thick shutters	8.50	sqm		

22	Providing and fixing panelling or panelling and glazing in panelled or panelled and glazed shutters for doors, windows and clerestory windows (Area of opening for panel inserts excluding portion inside grooves or rebates to be measured). Panelling for panelled or panelled and glazed shutters 25 mm to 40 mm thick :				
22.1	Float glass panes				
22.1.1	4 mm thick glass pane (weight not less than 10 kg per sqm)	5.80	sqm		
23	Removing dry or oil bound distemper, water proofing cement paint and the like by scrapping, sand papering and preparing the surface smooth including necessary repairs to scratches etc. complete.	50.00	sqm		
24	Applying one coat of water thinnable cement primer of approved brand and manufacture on wall surface :				
24.1	Water thinnable cement primer	65.50	sqm		
25	Distemping with 1st quality acrylic distemper (ready mixed) having VOC content less than 50 gms/litre, of approved manufacturer, of required shade and colour complete, as per manufacturer's specification.				
25.1	Two or more coats on new work	155.00	sqm		
26	Finishing walls with Acrylic Smooth exterior paint of required shade :				
26.1	Old work (Two or more coat applied @ 1.67 ltr/ 10 sqm) on existing cement paint surface	22.00	sqm		
27	Finishing walls with Acrylic Smooth exterior paint of required shade :				
27.1	New work (Two or more coat applied @ 1.67 ltr/10 sqm over and including priming coat of exterior primer @ 2.20 kg/10 sqm)	101.00	sqm		
28	Removal of rust from steel grills, truss with emery paper, wire brush, etc. and making the surface ready/smooth for painting as required.	52.00	sqm		
29	Applying priming coat:				
29.1	With ready mixed pink or Grey primer of approved brand and manufacture on wood work (hard and soft wood)	13.50	sqm		
30	Painting with synthetic enamel paint of approved brand and				

	manufacture to give an even shade :				
30.1	Two or more coats on new work	35.00	sqm		
31	Painting with black anti-corrosive bitumastic paint of approved brand and manufacture to give an even shade :				
31.1	Two or more coats on new work	106.00	sqm		
32	Earth work in excavation by mechanical means (Hydraulic excavator) / manual means in foundation trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan), including dressing of sides and ramming of bottoms, lift upto 1.5 m, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m. 2.8.1 All kinds of soil.	0.20	cum		
33	Earth work in surface excavation not exceeding 30 cm in depth but exceeding 1.5 m in width as well as 10 sqm on plan including getting out and disposal of excavated earth upto 50 m and lift upto 1.5 m, as directed by Engineer-in- Charge:2.1.1 All kinds of soil	85.00	sqm		
34	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level :				
34.1	1:2:4 (1 cement : 2 coarse sand (zone-III) : 4 graded stone aggregate 20 mm nominal size)	2.70	cum		
34.2	1:4:8 (1 Cement : 4 coarse sand (zone-III) : 8 graded stone aggregate 40 mm nominal size)	1.75	cum		
35	Centering and shuttering including strutting, propping etc. and removal of form work for :				
35.1	Retaining walls, return walls, walls (any thickness) including attached pilasters, buttresses, plinth and string courses fillets, kerbs and steps etc.	5.40	sqm		
					Total

TERMS & CONDITIONS:

- 1) The envelope containing tender and other documents should be neatly super scribed with the name of the work, reference no., closing date failing which the tender will be returned without opening.
- 2) The contractor should mention the correct postal address and contact no. in the space provided in the agreement. If there is any change in the postal address/ contact no., the contractor should inform to the office in writing immediately about the change. Institute

shall not be responsible for non-receipt of document due to postal delay/ undelivered/ non-recipient at your end.

- 3) The contractor should have prior experience of being worked in ICAR-CIARI or enlisted/ registered in APWD/ CPWD or any Govt. Agency.
- 4) The contractor may quote the rate after inspection of site and clarification of all details of the tender document from the Indentor/ Incharge Estate Section, ICAR-CIARI, Port Blair.
- 5) Incomplete or conditional quotations accompanying with/ without EMD shall be rejected.
- 6) The filled in tender should accompany a covering letter in their letter pad enclosing Enlistment Certificate/ Experience Certificate, IT Return Certificate, PAN/ TAN card. The ICAR-CIARI contractors may submit the proof of document that they worked in ICAR-CIARI, Port Blair.
- 7) The sealed tender must be accompanied with EMD of ₹ 15,000/- (Rupees fifteen thousand only) in the form of Demand Draft drawn in favour of ICAR Unit, CARI, Port Blair and the same will be released after issue of work order.
- 8) Work shall be carried out as per the instruction, direction and satisfaction of Incharge Estate Section/ Engineer-in-charge, Estate Section, ICAR-CIARI, Port Blair.
- 9) The rate includes all labours and material charges, transportation, tools and tackles etc. as required for completing the work.
- 10) The work should be started within 15 (Fifteen) days from the date of issue of work order failing which the work order shall be cancelled and EMD forfeited on the recommendation of the Incharge Estate Section, ICAR-CIARI, Port Blair.
- 11) The work should be completed within 30 (Thirty) days from the date of issue of work order. The contractor may also request for extension of period of completion with valid reasons for acceptance of Competent Authority, ICAR-CIARI, Port Blair.
- 12) Liquidated Damages: For repair works costing up to ₹ 10 lakh – 1% of the contract value per week and for all other works 0.5% of the contract value per week of delay subject to a maximum of 10% of the contract value.
- 13) The Director shall have the liberty to postpone or not to execute any item of work and the contractor shall not be entitled to any compensation for non execution of such items of work.
- 14) During execution no change shall be made by the contractor in the approved drawing and specifications at site without the consent of the Incharge Estate Section.
- 15) All the materials purchased for construction/ painting etc. by the contractor shall be as per the CPWD/ ISI/ BIS Standards/ specification and got approved by the Incharge Estate Section.
- 16) The inferior quality or rejected materials are to be removed immediately from the site failing which the same will get removed by the Institute and the expense involved will be deducted from the contractor's bill.
- 17) The water as required for construction and curing shall be arranged by the contractor for which no extra payment shall be made.
- 18) The contractor shall not be provided any store for storing of the construction materials and their tools. However, a site will be given temporarily to construct a store in CIARI Complex. The store should be dismantled immediately after handing over the structure/ buildings to the Institute failing which the bill will not be processed for release of payment.
- 19) In case of dis-satisfactory work the contract may be terminated at any time and in such case the EMD/ Security Deposit shall be forfeited.
- 20) In case the contractor fails to complete the work within the stipulated/ extended period of time and according to our satisfaction, the Director, ICAR-Central Island Agricultural Research Institute shall have the right to terminate the contract and get the work done through any other firm or agency. In such case the EMD and the Security Deposit of the contractor shall be forfeited.

- 21) Quantity of work may be increased or decreased according to the actual need of work and hence minor deviation of work shall be undertaken as per quoted rate without asking any compensation.
- 22) The contractor has to deposit 10% of the contract value through Demand Draft in favour of "ICAR Unit, CARI, Port Blair" as Performance Guarantee for the contract against acceptance of tender and the same shall be kept as security deposit and shall be released after one year of successful completion of the work.
- 23) If the contractor fails to deposit 10% Performance Security within 15 (Fifteen) days of issue of acceptance letter, the tender may be cancelled and EMD forfeited.
- 24) The contractor has to pay minimum wages to their labour force engaged for the civil work as per A&N Administration notification issued from time to time. The contractor shall be bound by all provisions of contract labour (Regulation and Abolition) Act 1970 and Central Rules 1971.
- 25) The standard deduction such as Income Tax and other taxes as applicable shall be deducted from the bill of the contractor.
- 26) After completion of the work within one year, if any defect, or damage or poor workmanship is noticed, the same shall be rectified by the contractor, within 10 days failing which the Security Deposit shall be forfeited.
- 27) After completion of work, the left over material at the site, if any, shall be removed within seven days failing which the material shall be removed at the cost and risk of the contractor by the Institute.
- 28) The Director, ICAR-CIARI, Port Blair also reserves the right to cancel the work, after award of work due to some administrative/ technical reasons.
- 29) The Director, ICAR-CIARI, Port Blair shall be the sole arbitrator for all disputes between the contractor and Institute. The decision of the Director shall be final and binding to both the parties.

Shilpi
27.1.22

Asstt. Administrative Officer

Signature of the Contractor

Name & Complete postal address

And telephone no. And date and seal