



भा.कृ.अनु.प. - केन्द्रीय द्वीपीय कृषि अनुसंधान संस्थान
ICAR - CENTRAL ISLAND AGRICULTURAL RESEARCH INSTITUTE
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ANDAMAN AND NICOBAR ISLANDS, INDIA
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Website: <https://ciari.icar.gov.in>

F. No. 57(385)/2021-2022/Estate

Date: 14.03.2022

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://ciari.icar.gov.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	Construction of 2.0m dia x 7.0m deep RCC ring well cum p-ump house at KVK Nimbudera farm.
Last Date of receipt of bids	28.03.2022 at 03:00 PM
Bid opening date	28.03.2022 at 03:30 PM
Cost of tender document	NIL
Total Estimate cost	Rs. 4,96,000/-
EMD/Bid Security	Rs. 9,920/-
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 Basti, Garacharma (Post), Port Blair, South Andaman
Place of bid submission	Administration Block - II, ICAR-CIARI, Bathu Basti, Garacharma Post, Port Blair-744 105

Shibani
14.3.22

(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 AGRICULTURAL RESEARCH INSTITUTE
PORT BLAIR – 744 105

F. No. 57(385)/2021-2022/Estate

Date:

Name of Work - Construction of 2.0m dia x 7.0m deep RCC ring well cum pump house at KVK, Nimbudera farm.

Sl. No.	Description of Items	Quantity	Unit	Rate (Rs.)	Amount (RS)
1	Earth work in excavation by mechanical means (Hydraulic excavator) / manual means over areas (exceeding 30cm in depth. 1.5 m 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.				
	2.6.1 All kinds of soil				
	a) For Site Leveling	10	Cum		
	b) For Ring Well	35.89	Cum		
2	Extra for every additional lift of 1.5 m or part thereof in excavation / banking excavated or stacked materials.				
	2.26.1 All kinds of soil				
	a) 2nd lift-1.50m to 3.0m	10.59	Cum		
	b) 3rd lift-3.0m to 4.50m	10.59	Cum		
	c) 4th lift-4.50m to 6.0m	10.59	Cum		
	d) 5th lift-6.0m to 7.0m	7.06	Cum		
3	Extra rates for quantities of works, executed :				
	2.24.1 In or under water and/or liquid mud, including pumping out water as required				
	a) 1.0m to 2.0m	4.5	Cum		
	b) 2.0m to 3.0m	4.5	Cum		
	c) 3.0m to 4.0m	4.5	Cum		
	d) 4.0m to 5.0m	4.5	Cum		
	e) 5.0m to 6.0m	4.5	Cum		
	f) 6.0m to 7.0m	4.5	Cum		
4	Filling available excavated earth (excluding rock) in trenches,				

	plinth, sides of foundations etc. in layers not exceeding 20cm in depth, consolidating each deposited layer by ramming and watering, lead up to 50 m and lift upto 1.5 m.	32.79	Cum		
5	Providing and installing RCC ring of size 2.0m inner dia, 12cm thick, 30cm height, made of reinforced cement concrete of mix 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20mm nominal size) with required reinforcements.(4 nos. of circular bar and 42 nos. of vertical bars of 8mm dia as per the direction of Engineer in charge).	28	Each		
6	Filling of 20mm stone aggregate as filter media around and outside the RCC rings from the bottom of the well, upto 3.0m including consolidation, compaction etc. complete as required. Stone Aggregate (single size) : 20 mm nominal size	6.96	Cum		
7	Carriage of materials by mechanical transport including loading, unloading and stacking, Sand, stone aggregate below 40 mm nominal size	6.96	Cum		
8	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level :				
	a) 4.1.8:-1:4:8 (1 Cement : 4 coarse sand : 8 graded stone aggregate 40 mm nominal size)	4.6	Cum		
	b) 4.1.5:-1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 20mm nominal size)	3.6	Cum		
9	Centering and shuttering including strutting, propping etc. and removal of form work for :				
	4.3.1:- Foundations, footings, bases for columns	18	Sqm		
10	12 mm cement plaster of mix :				
	13.1.1 1:4 (1 cement: 4 fine sand)	82	Sqm		
11	Cement concrete flooring 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate) finished with a floating coat of neat cement, including cement slurry, but excluding the cost of nosing of steps etc. complete. 11.3.1 40 mm thick with 20 mm nominal size stone aggregate	28.93	sqm		

	Steel work in built up tubular (round, square or rectangular hollow tubes etc.) trusses etc., including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer, including welding and bolted with special shaped washers etc. complete. 10.16.3 Electric resistance or induction butt welded tubes	542.34	kg		
13	Providing and fixing bolts including nuts and washers complete.	12	kg		
14	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.	36	sqm		
	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 : 12.51.1 Ridges plain (500 - 600mm	5	meter		
15	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto plinth level.5.22.6 Thermo-Mechanically Treated bars of grade Fe-500D or more.	120	kg		

16	2 HP, 1.50 KW submersible pump, 220 volt, single phase, delivery size 50mm, flow rate 200 to 400 LPM, Head Range 10-14 meters, shut off 15 meter as per site required fitting, Anti-corrosive motor housing : Made of stainless steel, high resistance to corrosion High efficiency motor : Specially designed submersible motor with F class insulation and low temperature rise	1	HP		
17	50 mm PVC, garden pipe, thickness 2-4 mm, flexible for installation in delivery system in submersible pump	30	PVC		
18	Supplying, installing, testing and commissioning of 32 A capacity TPN tap off box / plug-in box made of 1.6mm thick sheet steel enclosure duly painted with powder coating on existing overhead bus bar system complete with TPN disconnecter FSU and HRC fuses, connections, earthing etc. as required by site engineer.	1	A		
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 ₹ 9,920/- (Rupees nine thousand nine hundred twenty 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 Er. Manoj Kumar, SMS (Agri. Engg.) ICAR-KVK Nimbudera, N&M Andaman.
- 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.

Shibi
14.3.22

Asstt. Administrative Officer

Signature of the Contractor
Name & Complete postal address
And telephone no. And date and seal