



कृषि मंत्रालय (कृषि अनुसंधान एवं शिक्षा विभाग), भारत सरकार
भाकृअनुप - केन्द्रीय तटीय कृषि अनुसंधान संस्थान

भारतीय कृषि अनुसंधान परिषद
 एला, ओल्ड गोवा - 403 402 (भारत)

Ministry of Agriculture (Department of Agricultural Research and Education), GOVERNMENT OF INDIA

ICAR- CENTRAL COASTAL AGRICULTURAL RESEARCH INSTITUTE

Indian Council of Agricultural Research

Ela, Old Goa - 403 402 (INDIA)



Tender Cost : Rs 500/-

Estimated Cost (Civil) : Rs. 4,43,885/-

Estimated Cost (Electrical) : Rs. 55,000/-

Dated: 25.07.2016

No. 4(312)/Ren.of pump/B/2016-17/Works

Tender Form

.....
 Full name & addresses of the Tenderer in :
 addition to Post Box No. if any should be
 Quoted in all communications to this office.

.....
 Telephone No./Fax No./E-mail address :

Bank Account No. & IFS Code of the party :

.....
 From:

To

The Director,
 ICAR – Central Coastal Agricultural Research Institute,
 Ela, Old Goa – 403 402.

Sir,

I have read all the particulars regarding the general information and terms and conditions of the contract for the following works at ICAR – Central Coastal Agricultural Research Institute and agree to carry out the works prescribed in the Tender No. No. 4(312)/Ren.of pump/B/2016-17/Works, as per the rates given in the Schedule I to this tender and I agree to hold this offer open till 3 months from 17.08.2016. I shall be bound by a communication of acceptance dispatched within the prescribed time.

I have understood these terms and conditions for the tender and shall carry out the works strictly in accordance with the requirements.

The schedule-I & II accompanying this tender is at pages 2

The invitation to tender pages is at 3 & 4.

Description of works at Annexure - I.

Yours faithfully,

Signature of the Tenderer



हर कदम, हर डगर
 किसानों का हमसफर
 भारतीय कृषि अनुसंधान परिषद

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एक कदम आशावादी की ओर

* Ph : 0832-2284678 / 79 / 2285381, 0832-2285448 (AO)

* Fax : 0832-2285649

* E-mail : director.ccari@icar.gov.in

* Website : http://icargoa.res.in



: 2 :
ICAR – Central Coastal Agricultural Research Institute
Indian Council of Agricultural Research
Ela Old Goa – 403 402 (INDIA)

Schedule – I

Schedule of Tender

1. Last date for receipt of Tender : 16.08.2016 (up to 15.00 hours).
2. Date of opening of Tender : 17.08.2016 at 15.30 hours

The tender shall remain open for acceptance for 30 days from the date of opening. The rates tendered will be valid for six months from the date of accepting the rates.

Sr. No.	Description of work	EMD	D.D. No., date and Name of Bank
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Renovation of pump room and provision of water tank for dairy unit in block ‘B’	Rs. 8880/-
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* Any other terms and conditions that the tenderer(s) would like to specify should form part of this schedule only.

Schedule – II

Name of the work : Renovation of pump room and provision of water tank for dairy unit in block ‘B’.

I hereby declare that I have gone through the terms and conditions mentioned in the Tender Schedule and I hereby undertake that I will abide by the terms and conditions of the contract and as per the rates quoted by me is acceptable.

I have understood the above requirements.

Signature of the Tenderer/Contractor

Name:

Addresses:

Place:

Date:

INVITATION TO TENDER

Note: All communications must be addressed to the Director (by the designation), ICAR – Central Coastal Agricultural Research Institute, Ela, Old Goa – 403 402.

1. Sealed tender for execution of work as per the specifications mentioned above is invited by the Director, ICAR – Central Coastal Agricultural Research Institute, Ela, Old Goa from the reputed agencies and registered Contractors so as to reach this office on or before 15.00 hours on **16.08.2016**.
2. The tender will be opened by the Committee constituted for the purpose at ICAR – Central Coastal Agricultural Research Institute, Old Goa at 15.30 hours on **17.08.2016** in the presence of the tenderers or their representatives, if any.
3. The tender should contain all specifications and all other requirements as per the tender specifications.
4. Rate for each item of work may be quoted separately, in a detachable form, along with terms & conditions.
5. The rate should remain valid for a period of at least (3) three months from the date of opening of the tender.
6. The work should be done strictly under the direction and supervision of concerned Scientists/Officers.
7. No farm implements will be supplied from this Institute to the contractors for the work.
8. The entire work should be completed within 3 months from the date of issue of work order, unless specific reason is indicated and completion period is quoted in tender.
9. The tender should be accompanied by a Demand Draft of **Rs. 8880/-** (Rupees Eight Thousand Eight hundred & Eighty only) as Earnest Money Deposit (EMD) by way of crossed Demand Draft Drawn in favour of ICAR Unit, ICAR – CCARI, Ela Old Goa on any Bank.
10. The EMD will be returned to the UNSUCCESSFUL tenderers, after finalization of the tenders, for which application for refund of EMD and pre-receipt should be enclosed along with the tender.
11. In case of any breach of terms and conditions of this contract by the successful tender and are not duly completed within the stipulated time, the EMD shall be forfeited as damages and compensations for the said breach.

:4:

12. The tenderer shall be responsible for the quality of work and any failure shall be at his own risk and cost.
13. A guarantee for the work for a period of one year from the date of completion of work at this Institute, has to be given by the Contractor.
14. All scorings, erasures etc. on the tender form should be initialed by the tenderer.
15. If the tenderer requires interpretation of any clause, the decision of the Director, ICAR - CCARI, Ela Old Goa shall be final and abiding.
16. The tenderer should give his full name and address along with a telephone/fax numbers etc.
17. The tenderer is at liberty to be present himself or to depute his authorized representative to be present on scheduled date and time at the said office to witness the opening of the tender.
18. A copy of the terms and conditions duly signed by the tenderer should be submitted along with the tender in confirmation of compliance.
19. The tender must be accompanied by the photocopy of receipt of payment towards the cost of tender form/document.
20. Tender should be submitted in double cover addressed to the Director of this Complex. The inner cover containing the tender should be sealed properly and cover should be super scribed as Tender for **“Renovation of pump room and provision of water tank for dairy unit in block ‘B’ due on 17.08.2016.**
21. Successful tenderer have to deposit Security Money @ 10% of the total cost of work before awarding the work which will be released after six months from the satisfactory completion of work and production of pre-receipted claim for refund along with the original receipt. In case you fail to complete the work within the stipulated period with full satisfaction of the concerned officers, the amount so deposited will be forfeited and treated as receipt of ICAR.
22. After completion of the work, the bill in duplicate should be submitted to this office for payment. Payment will be made by e-payment within 30 days of receipt of bill.
23. For any clarification, Smt Madina S Sollapuri, Sr Tech Officer (Civil) of the Institute be contacted on any working days during office hours.
24. There is no provision to supply of Electricity and water from this Institute.

25. The PAN No. along with a Xerox copy of the PAN Card of the Contractor should be enclosed along with the Tender/quotation. Without the same, the quotation will not be entertained and will be rejected.

26. CST/Vat charges and transportation charges are not applicable.

27. The right to accept or reject any or all tenders without assigning any reason is reserved by the Director, ICAR – Central Coastal Agricultural Research Institute, Ela, Old Goa.

Signature

Administrative Officer

Place : Old Goa.

Date of issue:

I agree to abide by the conditions

Place :

Date of submission:

.....

Signature of Tenderer

Indian Council Of Agricultural Research
CIVIL ENGINEERING DEPARTMENT
ELA, OLD GOA.

Name of Work: Renovation of Pump room & provision of the water tank for Dairy unit
in block B.

Page No. : 1

No. 1	Description Of Item 2	Unit 3	Quantity 4	Rate 5	Amount 6
1	Earthwork in excavation by mechanical means (hydraulic excavator)/ manual means over areas (exceeding 30cm depth, 1.5 m in width as well as 10 sq.m on plan) including disposal of excavated earth lead upto 50 M and lift upto 1.5m disposed earth to be leveled and neatly dressed including providing barricading, danger lighting guarding as directed by the departmental officer in charge. a) All kinds of soil	Cu.m	16.000		
2	Rubble packing with hard laterite stone under floors including watering ramming and consolidating etc. in pipeline trenches and other foundations complete.	Cu.m.	5.057		
3	Supplying and filling in plinth under floors, trenches including watering ramming consolidating, dressing, complete. b) Moorum	Cu.m	5.000		
4	Providing and laying in position cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded granitic or basaltic stone aggregate 40 m nominal size) excluding cost of centering ,shuttering and finishing: a) All works upto plinth level	Cu.m	5.000		
5	Providing and laying in position (1:2:4) reinforced cement concrete excluding the cost of centering, shuttering, finishing and reinforcement. (1 cement:2 coarse sand:4 graded stone agg 20mm nominal size) i) All works upto plinth level	Cu.m	4.000		

No. 1	Description Of Item 2	Unit 3	Quantity 4	Rate 5	Amount 6
6	GSR 2011 ANNEXURE - Providing and laying in position (1:2:4) reinforced cement concrete excluding the cost of centering, shuttering, finishing and reinforcement. (1 cement:2 coarse sand:4 graded stone agg 20mm nominal size) ii) In walls (any thickness), including attached pilasters, buttresses, plinth and string courses, fillets, columns, pillars, piers, abutments, posts and struts etc. upto floor five level	Cu.m	0.600		
7	Providing and laying in position (1:2:4) reinforced cement concrete excluding the cost of centering, shuttering, finishing and reinforcement. (1 cement:2 coarse sand:4 graded stone agg 20mm nominal size) iii) in beams, suspended floors, roofs having slope upto 156 landings, balconies, shelves, chajjas, intels, bands, plain window sills, staircases upto floor five level	Cu.m	2.500		
8	GSR 2011 ANNEXURE -: Providing TMT steel reinforcement (Confirming to IS 1786 of 1986) for RCC work including bending, binding & placing in position in all the floors along with the factory made precast concrete cover blocks of specified sizes whose compressive strength is not less than that of surrounding concrete in the structural member.	Kg	600.000		
9	Centering & shuttering including Strutting, Propping & removal of forms for i) Foundations, Footings, Bases for columns	Sq.m	7.840		
10	GSR 2011 ANNEXURE - : Centering & shuttering including Strutting, Propping & removal of forms for iii) Columns, Piers, Pillars, Aburments, Posts and struts (square rectangle polygon in plan)	Sq.m	11.000		

11 Centering & shuttering including Strutting, Propping & removal of forms for
iv) Sides and Soffits of beams, Beam

No. 1	Description Of Item 2	Unit 3	Quantity 4	Rate 5	Amount 6
	Haunchings, Cantilever, Girders, Bressumers and Lintels plinth beams not exceeding 1m in depth	Sq.m	12.600		
12	Laterite masonry in neatly dressed stones of size as specified in cement mortar 1: 4 (1 cement : 4 coarse sand) in foundation and basement.	Cu.m.	10.560		
13	Extra for laterite masonry in all sizes in superstructure from floor I level upto floor V level.	Cu.m.	6.500		
14	Providing and fixing precast reinforced concrete door frames of ASTRA make or equivalent in M25 grade concrete and reinforced with minimum three bars of 6 mm dia and confirming to IS:6523. The frames shall be manufactured in approved factory with all the necessary arrangements for fixing hinges, tower bolts by way of inserted PVC blocks and holes for receiving sliding bolts as specified. Sectional size of frame with single rebate : 60X 100 mm ii) 2100 x 900 mm	M	5.500		
15	Providing and fixing precast reinforced concrete door shutter of ASTRA make or equivalent in M25 grade concrete and reinforced with minimum three bars of 6 mm dia and confirming to IS:6523. The frames shall be manufactured in approved factory with all the necessary arrangements for fixing hinges, tower bolts by way of inserted PVC blocks and holes for receiving sliding bolts as specified. Sectional size of frame with single rebate : 60X 100 mm ii) 2100 x 900 mm	Sq.M	1.600		
16	Providing and fixing anodised aluminium sliding door bolt anodised transparent or dyed required colour and shade with bolts, nuts and screws etc. complete a) 300 x 16 mm	Each	1.000		
17	Providing and fixing aluminium handle				

No. 1	Description Of Item 2	Unit 3	Quantity 4	Rate 5	Amount 6
	anodised or dyed to required colour or shade with screws etc. complete a) 125 mm	Each	2.000		
18	Providing and fixing anodised aluminium sliding windows with two sliding shutters 20 mm sections and 5mm clear float glass.	Sq.m.	1.200		
19	Providing and fixing M.S. grill of required pattern in wooden frames of windows etc. with M.S.flats square or round with round headed bolts and nuts or by screws. a) Plain grill	Kg.	35.000		
20	Cement concrete flooring 1:2:4 (1 cement :2 coarse sand :4 graded stone aggregate 20 mm nominal size) finished with a floating coat of neat cement. c) 75mm thick	Sq.m.	6.250		
21	12 mm cement plaster 1:3 (1 cement : 3 fine sand)	Sq.m.	36.000		
22	18 mm plastering with terrazzo finish rubbed and polished complete, under layer 12 mm thick cement plaster 1:3 (1 cement : 3 coarse sand) and top layer 6mm thick white black or white and black marble chips of 3 mm and down size laid in cement marble powder mix 3:1 (3 cement : 1 marble powder) by weight in proportion of 4:7(4 cement marble/powder mix :7 marble chips) by volume	Sq.m.	43.000		
23	White washing with whiting on new work (three or more coats to give an even shade.	Sq.m.	36.000		
24	Painting (two or more coats) with synthetic enamel paint of approved brand and manufacture in all shade or new work over and ander coat of suitable shade with ordinary paint of approved brand and manufacture to give an even shade.	Sq.m.	35.000		
25	Painting three or more coats with acryllic exterior paint of approved brand and				

No. 1	Description Of Item 2	Unit 3	Quantity 4	Rate 5	Amount 6
	manufacture (such as weather shield,APEX) including applying one coat of cement primer and one coat of surface treatment etc. complete.	Sq.m.	45.000		
26	Making plinth protection 50mm thick of Cement Concrete 1:3:6 (1cement : 6 graded stone aggregate 20mm nominal size) over 75mm bed of dry laterite aggregate 40mm nominal size well rammed and consolidated and grouted with fine sand including finishing the top smooth.	Sq.m	10.000		
27	Steel work welded (SAIL, TATA. VIZAG & using electrodes of Ador or ES4B or Deh Secheron make only)in built up sections trusses and framed work including cutting, hoisting, fixing in position and applying priming coat of red lead paint. b) In tees angles flats and channels (ISMC).	Qtl.	14.700		
28	Providing and fixing colour coated galvulium roofing sheets of 0.5mm thickness including all the accessories but excluding the cost of purlins, rafters, trusses, etc. complete as per the directions of the engineer in charge.	Sq.m.	45.000		
29	Providing and fixing colour coated galvulium roofing ridges of 0.5mm thickness including all the accessories etc. complete as per the directions of the engineer in charge.	Sq.m.	5.000		
30	Providing and placing on terrace roof of floor two (1st floor roof single piece rotational moulded polythene water storage tank having I S I mark and conforming to I S 12701; 1996. c)2000 lit. capacity	Each	1.000		
31	Providing and fixing chlorinated ployvinyl chloride (CPVC) pipes confirming to IS:15778, having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings CPVC				

No. 1	Description Of Item 2	Unit 3	Quantity 4	Rate 5	Amount 6
	solvent cement, trenching, refilling and testing of joints complete as per direction of the Engineer-in-charge. Concealed work (External work (heavy duty SDR 11 pipe) b) 20 mm dia nominal outer dia pipes	M.	100.000		
32	Providing and fixing chlorinated ployvinyl chloride (CPVC) pipes confirming to IS:15778, having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings CPVC solvent cement, trenching, refilling and testing of joints complete as per direction of the Engineer-in-charge. Concealed work (External work (heavy duty SDR 11 pipe) c) 25 mm dia nominal outer dia pipes	M.	25.000		
33	Providing and fixing brass bib cock (heavy) of approved quality : b)20 mm nominal bore	Each	2.000		
34	Providing and fixing brass full way valve (heavy) duty with wheel of approved quality : b)20 mm nominal bore	Each	2.000		
35	Providing and fixing brass full way valve (heavy) duty with wheel of approved quality : c)25 mm nominal bore .	Each	2.000		
36	Providing 25 mm thick cuddapah slabs machine cut and polished on either side in partitions including making necessary grooves in the wall and fixing with cement mortar, complete as directed by the engineer-in-charge	Sq.m.	2.250		
37	Dismantling the existing pumps of 7.5hp- 1 no. & 10hp- 2nos. with necessary foundation & fittings, accessories like nut bolts, plates, valves etc. as directed by the engineer-in-charge	job	1.000		

No. 1	Description Of Item 2	Unit 3	Quantity 4	Rate 5	Amount 6
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TOTAL AMOUNT Rs.:

ABSTRACT

Name of the work: Electrical work for pump room in Dairy unit. (Estimated Cost : Rs. 55,000/-)

Sr.No	Description	Quantity	Cost
1	Providing & fixing the electrical points with wiring consist in the wall etc. as required. Modular type fitting the switches, gang box, angle holder, square block 40 watts, tube light fitting with tube light for operating the individual switches etc. as required. Also Modular type fitting the power points with 15 Amps, switch socket gang box with wiring etc. as required.	6.00 nos. 2 nos.	
2	Shifting & fixing the panel Board, starter, switches, earthing points etc. in the wall. As per the requirement supplying & laying the 4 core(35 sq.mm) & 2 core (16 sq.mm) Almond cable needed as per the site condition.	1 job	
		Total	