



भा.कृ.अनु.प.-केन्द्रीय खारा जलजीवपालनअनुसंधानसंस्थान

भारतीय कृषि अनुसंधानपरिषद, कृषि मंत्रालय, भारतसरकार

ICAR-Central Institute of Brackishwater Aquaculture

#75, संधोमहाई रोड राजा अण्णामलै पुरम चेन्नई - 600 028, तमिलनाडु, भारत

(ISO 9001:2008 certified)

Indian Council of Agricultural Research, Ministry of Agriculture, Govt. of India

75, Santhome High Road, R A Puram, Chennai 600 028 Tamil Nadu, India



F.NO. 1-21/2019-20/EC/Hqrs

मिसिल संख्या: १-२१/२०१९-२०/ईसी/हकर्स

Date: 14.02.2020

दिनांक: १४-०२-२०२०

To

Sub: Limited tender for "Construction of semi-permanent shed for housing the incinerator at CIBA Hqrs, R.A.Puram, Chennai-28" - Reg.

Please furnish your quotation in the enclosed schedule for the work of "Construction of semi-permanent shed for housing the incinerator at CIBA Hqrs, R.A.Puram, Chennai-28" as per the specification. Furnishing of the quotation is governed by the following terms and conditions.

1. The quotation should be submitted in a sealed cover and should reach this office on or before **21.02.2020- 15.00 hrs** addressed to the **Director, Central Institute of Brackish water Aquaculture, No.75 Santhome High road, Raja Annamalai Puram, Chennai-600 028**. The quotation received after the scheduled time will not be considered at all.
2. The envelope consisting the quotation should be superscripted as "Construction of semi-permanent shed for housing the incinerator at CIBA Hqrs, R.A.Puram, Chennai. The quotation without superscription is liable to be rejected.
3. The right to accept the rates and bidding the work based on the quality and reputation of the firms rests with the **DIRECTOR, CIBA** and it cannot be challenged. The **DIRECTOR, CIBA** reserves right to accept or reject any one or all the quotation without any reason.
4. Quotation may be furnished for "Repair the existing platform at Muttukadu Experimental Station of CIBA, Muttukadu".
5. No advance and any part payment will be made for this work.
6. Two percent (2%) of the total billed amount will be deducted towards income tax and the same may be remitted to the IT Department concerned.

7. A demand draft for an amount of Rs. 8500/- (**Rupees eight thousand and five hundred only**) may be drawn in favour of "ICAR UNIT, CIBA, CHENNAI" payable at SBI, Santhome, Chennai-4 towards and earnest money deposit should be enclosed along with the quotation.
8. Security deposit 5% value of contract (Interest free) including EMD has to be deposited on receipt of this office letter before commencement of work.
9. The Performance guarantee deposit 5% value of work done will be deducted in the Final bill. The EMD/SD/Performance guarantee (Total 10%) will be refunded to the contractor only after completion of performance maintenance period - **one year** from the date of completion of work. No interest will be paid to these deposits.
10. During executing of work any loss/Hazard due to any reason for the men and materials will be borne by the contractor. The Institute will not be responsible for any loss or damage /Hazard
11. While executing the work, the executing agency is fully responsible for any damage to Institute materials and the same may be replaced (including materials & labour charges for the replacement) by the Contractor at his own cost.
12. The work should be completed within 20 days from the date of issue of work order to the satisfaction of the authority concerned.
13. The rates are to be quoted, both in figures and words in the enclosed schedule otherwise it will be rejected.
14. For inspection of site, Shri.R.Puthiavan, Assistant Chief Technical Officer of CIBA (Mobile No: 9841656547), may please be contacted between 10.00 hrs to 16.00 hrs on all working days.
15. Payment will be made based on the actual measurements recorded in the 'CMB'
16. The contractor should furnish/enclose the proof of that he is an approved Contractor in CPWD /Govt. Dept and presently the contract is Valid up to 31.03.2020

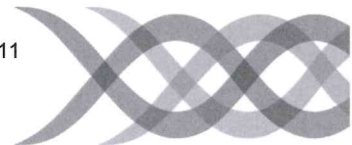
Yours faithfully

Encl: As state above

P. Mahalakshmi
04/02/2020
P. Mahalakshmi
Officer-In-Charge
Engg.Cell, CIBA
Chennai-28

Phone/फ़ोन: 044-24617523 (Direct) EPBX: 044-24618817, 24616948, 24610565 Fax/फैक्स: +91-044-24610311

Email/ईमेल : director.ciba@icar.gov.in, director@ciba.res.in Web/वेब: www.ciba.res.in



SCHEDULE FOR CONSTRUCTION OF SEMI-PERMANENT SHED FOR HOUSING THE INCINERATOR AT CIBA HQRS, R.A.PURAM, CHENNAI-28

F.No: 1-21/2019-20/EC/Hqrs

Sl.No.	Description of item	Qty	Unit	Rate	Amount
1	Earth work in excavation by mechanical means (Hydraulic excavator)/manual means over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 sqm on plan) including getting out and disposal of excavated earth lead upto 50 m and lift upto 1.5 m, as directed by Engineer-in charge.				
	All kind of soil	4.50	Cum		
2	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level.1:5:10 (1 cement : 5 coarse sand : 10 graded stone aggregate 20 to 40 mm nominal size)	1.70	Cum		
3	Steel reinforcement for R.C.C. work including straightening, cutting,bending, placing in position and binding all complete upto plinth level.				
	Thermo-Mechanically Treated bars of grade Fe-500D or more	160.00	Kg		
4	Centering and shuttering including strutting, propping etc. and removal of form for :				
i	Foundations, footings, bases of columns , etc. for mass concrete	21.00	sqm		
5	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. up to floor five level, excluding cost of centering, shuttering, finishing and reinforcement :				
	1:1.5:3 (1 cement : 1.5 coarse sand : 3 graded stone aggregate 20 mm nominal size)	3.00	cum		
6	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in foundation and plinth in:				
	Cement mortar 1:6 (1 cement : 6 coarse sand)	1.50	cum		
7	Brick work with common burnt clay machine moulded perforated bricks of class designation 12.5 conforming to IS: 2222 in superstructure above plinth level up to floor five level.Cement Mortar 1:6 (1 cement : 6 coarse sand).	9.00	cum		
8	12 mm cement plaster of mix :				

	(1 cement: 4 fine sand)	67.00	Sqm		
9	New work (Two or more coat applied & 1.67lit/ 10sqm over and including priming coat of exterior primer applied @2.20kg/10 sqm)Granite of any colour and shade	67.00	Sqm		
10	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.	13.00	cum		
11	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 Engineerin-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 shapewherever required.	17.00	Sqm		
12	Providing and fixing ISI marked flush door shutters conforming to IS : 2202 (Part I) decorative type, core of block board construction with frame of 1st class hard wood and well matched teak 3 ply veneering with vertical grains or cross bands and face veneers on both faces of shutters.35 mm thick including ISI marked Stainless Steel butt hinges with necessary screws	2.60	Sqm		
13	Providing wood work in frames of doors, windows, clerestory windows and other frames, wrought framed and fixed in position with hold fast lugs or with dash fasteners of required dia & length (hold fast lugs or dash fastener shall be paid for separately). Second class teak wood	0.05	Cum		

14	Providing and fixing angle iron frames for doors, windows and ventilators of mild steel Angle sections of size 35x35x5 mm, joints mitred and welded by angle iron 35x35x5 mm or 35x 5 mm flat pieces to the existing T-iron frame or to the wall with dash fastener, including fixing of necessary butt hinges and screws and applying a priming coat of approved steel primer, all complete as per the direction of Engineer-In-charge.	76.00	Kg		
15	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade :				
	Two or more coats on new work	11.00	Sqm		
16	Providing and fixing aluminium work for doors, windows, ventilators and partitions with extruded built up standard tubular sections/ appropriate Z sections and other sections of approved make conforming to IS: 733 and IS: 1285, fixing with dash fasteners of required dia and size, including necessary filling up the gaps at junctions, i.e. at top, bottom and sides with required EPDM rubber/ neoprene gasket etc. Aluminium sections shall be smooth, rust free, straight, mitred and jointed mechanically wherever required including cleat angle, Aluminium snap beading for glazing / paneling, C.P. brass / stainless steel screws, all complete as per architectural drawings and the directions of Engineer-in-charge. (Glazing, paneling and dash fasteners to be paid for separately) :Anodised aluminium (anodised transparent or dyed to required shade according to IS: 1868, Minimum anodic coating of grade AC 15)	13.00	Kg		

17	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 :5.0 mm thick glass panes (weight not less than 12.5 kg per sqm)	2.00	sqm		
18	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply including all CPVC plain & brass threaded fittings This includes jointing of pipes & fittings with one step CPVC solvent cement, trenching, refilling & testing of joints complete as per direction of Engineer in Charge. 25 mm (OD)	130	RM		
ELECTRICAL WORK					
19	Supplying laying of one number Aluminum armored PVC insulated and PVC Sheathed XLPE power cable of 1.1.KV grade of following size in the existing etc. as required a) 3.5 x 95 Sq.mm	130	Mtrs		
20	Supplying laying of following size DWC HDPE pipe ISI marked along with all accessories like, bend, couplers etc., conforming to IS: 14930 Part II complete with fitting and cutting, Joining etc. direct in ground (50cm below ground level) including excavation and refilling the trench etc. complete as required. a) 63 mm dia (OD-63 mm & ID-51 mm nominal)	110	Mtrs		
21	Supplying and fixing following way, horizontal type three pole and neutral, sheet steel, MCB distribution board, 415 V, on surface/ recess, complete with tinned copper bus bar, neutral bus bar, earth bar, din bar, interconnections, powder painted including earthing etc. as required. (But without MCB/RCCB/Isolator) a) 6 way (4 + 18) double door	1	Nos		
22	Supplying and fixing 5 A to 32 A rating, 240/415 V, 10 kA, "C" curve, miniature circuit breaker suitable for inductive load of following poles in the existing MCB DB complete with connections, testing and commissioning etc. as required.	18	Nos		

	A)Single pole				
23	Supplying and fixing following rating, four pole, 415 V, isolator in the existing MCB DB complete with connections, testing and commissioning etc. as required. A)100A	1			
24	Wiring for light point / Fan point / exhaust fan point / call bell point / with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable in surface / recessed medium class PVC conduit with modular switch, Modular plate, suitable GI box and earthing the point with 1.5sq.mm FRLS PVC insulated copper conductor single core cable etc. as required. A)Group C	6	Points		
25	Supplying and fixing two module stepped type electronic fan regulator on the existing modular plate switch box including connections but excluding modular plate etc. as required.	1	Nos		
26	Supplying and drawing following sizes of FRLS PVC insulated copper conductor, single core cable in the existing surface/ recessed steel/ PVC conduit as required a) 3 x 4 sq.mm	10	Mtrs		
27	Supplying and drawing following size of FRLS PVC insulated copper conductor single core cable in the existing surface / recessed steel PVC conduit as required. b) 3 x 6 sq.mm	10	Mtrs		
28	Supplying and drawing following size of FRLS PVC insulated copper conductor single core cable in the existing surface / recessed steel PVC conduit as required. c) 3 x 1.5 sq.mm.	10	Mtrs		
29	Supplying and fixing following size / modules GI box and PVC box along with modular base & cover plate for modular switches in recess etc. as required. a) 3 module(100mmx75mm)	2	Nos		
30	Supply and fixing following modular switch/socket on the existing modular plate & switch box including connections but excluding modular plate etc.as required. b) 15/16A switch	2	Nos		

31	Supply and fixing following modular switch/socket on the existing modular plate & switch box including connections but excluding modular plate etc.as required. c) 15/16A socket outlet	2	Nos		
32	Supplying installing testing and commissioning of 19W – 20W surface mounting type, LED Batten fitting extruded with aluminium housing having a system level lumen package of minimum 2000 lumens with electronic driver for fixing directly on wall including connection etc. as required.	2	Nos		
33	Supplying Installation test commissioning of 425mm metal body exhaust fan in the existing opening including making hole suit the size of the above fan making good connection testing commissioning as required.	1	Nos		
34	Supply installation testing and commissioning of energy efficient 5 star rated, rating 1200mm sweep ceiling fan complete with all accessories including wiring the down rad of standard length upto 30 cm. with 1.5 sq.mm FRLS PVC insulated copper conductor, single core cable etc. as required. (But without Regulator)	1	Nos		
35	Supplying and laying 6 SWG G.I. wire at 0.50 metre below ground level for conductor earth electrode, including connection/ termination with GI thimble etc.as required.	120	Mtrs		
36	Supplying and fixing cable route marker with 10 cm X 10 cm X 5mm thick G.I. plate with inscription there on, bolted /welded to 35 mm X 35 mm X 6 mm angle iron, 60 cm long and fixing the same in ground as required.	50	Nos		
	Sub total Amount				
37	GST				
	Grand total amount				

I agree to undertake the work at above quoted rates and complete the work within the stipulated time and the terms and conditions laid down in your letter.

Signature of the Contractor

Date :

Name :

Address with Office seal :