



OPEN TENDER ENQUIRY THROUGH E-PROCUREMENT

Tender ID 2025_DARE_886640_1

F. No. ICAR-CIFA/Works/PMMSY/Aquaponics_Lab/2025-26/01

Date: 21.11.2025

Sub: Tender for Civil Work for: “**Development of Aquaponics Experimental Lab at ICAR-CIFA, Kausalyaganga, Bhubaneswar – 751002**”.

The Director, ICAR-CIFA, Kausalyaganga, Bhubaneswar invites online percentage rate quotation OPEN TENDER IN TWO BID SYSTEM through e-tendering method (through CPPP) from reputed firms with adequate experience and financial capability for above Civil work. The information and schedule are mentioned below:

Tender Number	F. No. ICAR-CIFA/Works/PMMSY/Aquaponics_Lab/2025-26/01
Description of work	Tender for Civil Work for: “Development of Aquaponics Experimental Lab at ICAR-CIFA, Kausalyaganga, Bhubaneswar – 751002”
Type of Tender	Two Bid System
Date of release of Tender through e-procurement portal	21.11.2025 :: 04.00 PM
Bid submission start date online	21.11.2025 :: 04.00 PM
Last date and time of Receipt of EMD at ICAR-CIFA, BBSR	12.12.2025 :: 04.00 PM
Last Date & time for submission of online bid	12.12.2025 :: 04.00 PM
Date & time for opening of technical bid	13.12.2025 :: 04.00 PM
Financial bid to be opened	Will be reflected in the Technical Evaluation Report of those firms which have technically qualified.
Bid Validity	180 days from the date of Technical Bid Opening
EMD (Refundable)	Rs.1,16,332/- (Rupees One Lakh Sixteen Thousand Three Hundred Thirty Two Only) in the form of A/C payee Demand Draft (D.D) in favor of ICAR-Unit, CIFA, Payable at SBI, Kausalyaganga, Bhubaneswar (Code No. SBIN0008874)
Tender Fee	NIL
Performance Security Deposit	5% of the order value of the work within 7 days of receipt of Work Order in the form of Demand Draft in favor of ICAR-Unit, CIFA, Payable at SBI, Kausalyaganga, Bhubaneswar (Code No. SBIN0008874)
DLP	The Security Deposit will be retained for a period of one year from the date of the completion of the work.

The Tender document is also available at our web-site	http://www.cifa.nic.in/ https://eprocure.gov.in/eprocure/app
Address for communication	The Director, ICAR-CIFA, Kausalyaganga, Bhubaneswar Pin Code-751 002, Odisha

Yours faithfully,

OIC(Engg.)
For and on behalf of the Director
ICAR-CIFA, Kausalyaganga, Bhubaneswar

DETAILED TENDER DOCUMENT (TWO BID SYSTEM) :

The Director ICAR-CIFA, Kausalyaganga, Bhubaneswar – 751 002 invites online Open Tender in two Bid System through e-tendering method (through CPPP) from reputed firms with adequate experience and financial capability for above said civil work from the reputed contractors registered with CPWD, PWD or other Central/State Govt./Semi Govt. agencies. The contractor must submit the following related documents as per given checklist, failing which the technical bid of the firm will not be considered for further process:

CHECK LIST FOR TECHNICAL BID EVALUATION

Sl. No.	Document required	Upload the scanned copy	Page No. of enclosures
1.	Original documents for EMD	Pdf	
2.	Scan copy of valid civil license of the firm/contractor	Pdf	
3.	Scan copy of PAN Card	Pdf	
4.	Scan copy of Income Tax Returns for the last 03 (three) Financial Years (i.e. FY 2022-23, 2023-24, 2024-25 / AY 2023-24, 2024-25, 2025-26)	Pdf	
5.	Scan copy of GST registration certificate issued by Govt. etc. and latest GST return certificate	Pdf	
6.	Scan copy of Tender Acceptance Letter (Annexure-IV)	Pdf	
7.	Scan copy of dully filled up complete tender document with all annexures duly signed and stamped as a token of acceptance of all the terms and conditions of tender document. (Page No. 1-17)	Pdf	
8.	Scan copy of Experience of having successfully completed similar works during last 03 years ending last day of month previous to the one in which bid is invited should be either of the following: Two similar (civil construction) completed works in Central and State Govt. offices/Autonomous body/PSU and public listed company costing not less than the amount equal to 50% of the estimated cost. Or One similar (civil construction) completed works in Central and State Govt. offices/Autonomous body/PSU and public listed company costing equal/higher of the estimated cost.	Pdf	
9.	Certified accounting statement (Balance Sheet, Profit and Loss statement of the Bidder for the last 03(three) (i.e. Financial Years 2022-23, 2023-24, 2024-25) certified by the Chartered Accountant.	Pdf	
10.	Bidder should not be banned/suspended/blacklisted/disqualified/ debarred by any Central and State Govt. office/Autonomous Body/ PSU/Public listed Company/Corporate Organization or convicted in court of law across India. A self declaration to this effect must be uploaded in the CPP Portal with Bid by the Bidder. The declaration should be dated within the Bid start to Bid end date on Non-Judicial Stamp Paper worth Rs.10/- (Rupees Ten only). Format Attached (Annexure-VI)	Pdf	

NOTE: Only those firms that qualify the Technical Bid will be considered for opening the Financial Bid.

SIGNATURE OF THE BIDDER WITH STAMP

Detail of the firm/contractor

1. Name & address of Proprietor: _____

2. Name & address of Firm/Contractor: _____

3. (a) Tel. No. Off: _____ Res: _____ Mob.No: _____
(b) FAX No: _____ Email ID: _____
4. Particulars of firm/company partnership: _____
deed/ Constitution in case of Society.
5. PAN No: _____
6. GST No. _____
7. Name & address of Bank in which Account: _____

IFSC Code No. _____ Account No. _____

(A photocopy of cancelled cheque may attach for true information)

SIGNATURE OF THE BIDDER WITH STAMP

A: General Terms and conditions:

1. The successful bidder will be required to furnish the Performance Security Deposit in INR equivalent to 5% of the order value within 7 days of receipt of Work Order. The Security Deposit should be submitted in the form of Demand Draft, drawn in favor of ICAR-Unit, CIFA, Payable at SBI, Kausalyaganga, Bhubaneswar (Code No. SBIN 0008874) within the stipulated date failing which the order will stand cancelled and the EMD deposited with the quotation/tender will be forfeited.
2. The security deposit shall be forfeited if the selected firm/contractor does not take up and/or complete the work within the time schedule or the quality of the workmanship is found not up to the mark or not satisfactory.
3. Any dispute in this regard is subject to Bhubaneswar Jurisdiction only.
4. Income Tax/ Labour Cess etc. or any other taxes to be levied as per Govt. norms will be deducted '**at source**' from the bills as per rules.
5. **Locations for the Work:**
The entire works as described in Schedule of Requirements must be undertaken at ICAR-CIFA, Kausalyaganga, Bhubaneswar-751002, Odisha.
6. **Order Placements:**
The Work Order shall be released by: Director, ICAR- Central Institute of Freshwater Aquaculture, P.O. Kausalyaganga, Bhubaneswar –751 002, Odisha, India.
7. The payments shall be released by: Director, ICAR- Central Institute of Freshwater Aquaculture, P.O. Kausalyaganga, Bhubaneswar –751 002, Odisha, India.
8. **Amendment to Bidding Documents**
 - a. At any time prior to the deadline for submission of bids, ICAR-CIFA may, for any reason, whether on its own initiative or in response to the clarification request by a prospective bidder, modify the bid document.
 - b. The amendments to the tender documents, if any, will be notified by release of Corrigendum Notice in print media / website. The amendments/ modifications will be binding on the bidders.
 - c. ICAR-CIFA, at its discretion may extend the deadline for the submission of bids if it thinks necessary to do so or if the bid document undergoes changes during the bidding period, in order to give prospective bidders time to take into consideration the amendments while preparing their bids.
9. **Submission of Bids- Online PDF format only.**
The Bid documents shall be neatly arranged. They should not contain any terms and conditions, printed or otherwise, which are not applicable to the Bid. The conditional bid will be summarily rejected. Insertions, postscripts, additions and alterations shall not be recognized, unless confirmed by bidder's signature.
10. **Tender Fee:** NIL
11. **EMD:** 5% of estimated cost.
12. **Deadline for Submission of Bids – Online Only.**
 - a. Bids must be received by ICAR-CIFA before the due date and time at the address specified in the tender document.
 - b. ICAR-CIFA may extend this deadline for submission of bids by amending the bid documents and the same shall be suitably notified in the media.
13. **Late Bids:** ICAR-CIFA shall not be responsible and liable for the delay in receiving the bid for whatsoever reason.
14. **Bid Opening & Evaluation of Bids**
 - a. The technical bids will be evaluated in two steps.

- b. The bids will be examined based on eligibility criteria as stipulated to shortlist the eligible bidders.
- c. The technical bids of only the short listed eligible bidders shall be evaluated based on technical specifications stipulated.

15. Comparison of Bids

- a. Only the short-listed bids from the bid evaluation shall be considered for commercial comparison.
- b. The commercial bids will be evaluated on the basis of prices quoted. The contract will be awarded to lowest evaluated bidder.

16. Award of Contract

- a. ICAR-CIFA shall award the contract to the eligible bidder whose technical bid has been accepted and determined as the lowest evaluated commercial bid.
- b. ICAR-CIFA reserves the right to increase or reduce the quantity to be procured.
- c. If more than one bidder happens to quote the same lowest price, the firm have been more experience will be awarded the work and if experience of both firm remains same, ICAR-CIFA reserves the right to decide the criteria and further process for awarding the contract, decision of ICAR-CIFA shall be final for awarding the contract.

17. Purchaser's Right to amend / cancel.

- i. ICAR-CIFA reserves the right to amend the eligibility criteria, commercial terms & conditions, Scope of Work, technical specifications etc.
- ii. ICAR-CIFA reserves the right to cancel the any/entire tender without assigning any reasons thereof.

18. SPECIAL CONDITIONS OF CONTRACT (SCC)

Prices

- The price quoted shall be considered and no price escalation will be permitted.
- The prices quoted must be inclusive of all other taxes/levy including GST.

Security Deposit (SD): The successful bidder will be required to furnish the Security Deposit in INR equivalent to 5% of the order value within 7 days of receipt of Work Order. The Security Deposit should be submitted in the form of Demand Draft, drawn in favor of ICAR-Unit, CIFA, Payable at SBI, Kausalyaganga, Bhubaneswar (Code No. SBIN0008874). The Security Deposit will be retained for a period of one year from the date of the completion of the work.

Payments: Payment will be made after 100% completion of the work on actual measured quantity basis and acceptance by ICAR-CIFA through NEFT.

Penalty for delayed Completion of the works: ICAR-CIFA reserves the right to levy penalty @ of 0.5% of order value per week of delay beyond the scheduled date completion / execution of the order successfully, subject to maximum of 10 % of the order value. ICAR-CIFA reserves the right to cancel the order in case the delay is more than 4 weeks.

19. Class of Contractor – Minimum C & D

B: Other General Terms and conditions:

- 1. After completion of work if within one year, 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.
- 2. Taxes viz. Income Tax, Cess on I.T., Labour Cess, (as per applicable) and such other taxes levied by Government from time to time will be deducted from the work bill, Labour cess @ 1% of the gross value of work to be deducted from the contracts bill and to be remitted to the 'Odisha Building and other Construction Workers' Welfare Fund'.
- 3. Payment will be made after 100% completion of the work on actual measured quantity basis and acceptance by ICAR-CIFA through NEFT/RTGS/e-Payment.

4. No part payment will be made for execution of the work.
5. Work order will be issued to the successful bidder after completion of all formalities of ICAR-CIFA, Bhubaneswar. The successful bidder has to enter an agreement after receipt of work order and before start of the work. If the bidder does not start the work within 7 days of issue of work order or does not represent to the Director, ICAR-CIFA, Bhubaneswar stating a valid reason such as interference of natural phenomena or the circumstances beyond his control, the work order shall be deemed to be withdrawn without any notice and suitable action against the firm as per the provision of bid security declaration will be taken. Decision of the ICAR-CIFA, Bhubaneswar in this regard is final and binding on the tenderer.
6. Rates quoted by the bidder will be valid till completion of the work.
7. In case the work order is placed for execution, it will be incumbent on the tenderer to abide these terms and conditions and complete the work as per the schedule of works to the best satisfaction of the In-Charge, Engineering Section/SIC OF RRC failing which the EMD will be forfeited and the tenderer is liable to pay the loss to be incurred by ICAR-CIFA, to carry out the work/balance of work through any other agency.
8. If any damage occurs to ICAR - CIFA property during execution of work including dismantling the same will be borne / repaired by the tenderer. For this reason, the tenderer is advised to inspect the work site before submitting the tender.
9. The tenderer has to clean and dispose the dismantled/broken debris and garbage coming out of the said work from the site and dispose at a site inside CIFA campus before final bill submission.
10. Director, ICAR-CIFA is not bound to accept the lowest or any other tender and also reserves the right to reject any or all the quotations without assigning any reason thereof.
11. The tenderer will abide by the contract labour act, minimum wages act and other labour related acts, applicable during execution of the work.
12. The workers will be personnel of the tenderer and ICAR-CIFA will have no responsibility whatsoever to them. Any liability that may arise due to death/injury to any of the workers while executing the work will be borne by the tenderer.
13. In case of any dispute on execution or other issues related to this work, the decision of the Director, ICAR-CIFA will be final and binding.
14. Successful bidders will have to enter into a detailed contract agreement (format attached in Annexure-V) with ICAR-CIFA on non-judicial stamp paper of Rs.100/- (Rupees one hundred only).

Note 1: **The Price bid should be submitted on-line in the “BOQ format of Excel File” only as available in the Tender Notice in CPP Portal <https://eprocure.gov.in/eprocure/app>, Percentage rate to be quoted above or below the estimated cost in figure and words in the percentage BOQ.**

Yours faithfully,

OIC(Engg.)
For and on behalf of the Director
ICAR-CIFA, Kausalyaganga, Bhubaneswar

TENDER ACCEPTANCE LETTER
(To be given on Company Letter Head).

Date:

To

The Director
ICAR-Central Institute of Freshwater Aquaculture
Kausalyaganga,
BHUBANESWAR – 751 002 (ODISHA)

Dear Sir,

I/we have read all the particulars regarding the general information and other terms and conditions of the mentioned in the tender documents for the job work “_____” and agree to provide the services as desired I accept the schedule herein or such portion thereof as you may specify in the acceptance of the tender at the rates given below and I/we agree to hold this offer open till 180 days. The rates quoted will be valid till completion of the work.

The corrigendum(s) issued from time to time by our department/organization too has also been taken into consideration, while submitting this acceptance letter.

I / We do hereby declare that our Firm has not been blacklisted / debarred by any Govt. Department/Public sector undertaking.

I/ We certify that all information furnished by our Firm is true & correct and in the event that the information is found to be incorrect/untrue or found violated, then your department/ organization shall without giving any notice or reason there of or summarily reject the bid or terminate the contract, without prejudice to any other rights or remedy including the forfeiture of the fully said earnest money deposit absolutely.

Yours Faithfully,
Authorized Signatory.

(Signature of the Bidder, with Official Seal)

DRAFT SPECIMEN AGREEMENT
AGREEMENT FORMAT
(On Non-Judicial stamp paper of Rs.100/- (Rupees One hundred only)

Name of the work: “ _____ ”

Work Order No: _____ Date: _____ Amount _____

This agreement is made at ICAR-CIFA, Bhubaneswar – 751002 on (Date.....) between the Director, ICAR-CIFA, Kausalyaganga, Bhubaneswar-751002 (Hereafter called Institute) which items shall include its successors, assignees etc. on the first part and (name and address of the firm/contractor), _____ (Hereafter, called the Firm) _____ which items shall include its authorized representatives, successor, assignees, etc., on the other part.

The Contractor/Agency will perform the said works in the said orders and shall execute the same with great promptness and accuracy in a workman like manner to the best satisfaction of the Director, ICAR-CIFA, Kausalyaganga, Bhubaneswar-2 and will complete the same in accordance with the said specification and terms and conditions laid down in the above said work order. The ICAR-CIFA will pay or cause to be paid to the contractor for the said works on final completion of the work(s) thereof and amount due in respect thereof at the rate specified in the schedule hereto referred. If during the performance of the work any theft, damage or losses to the property of ICAR-CIFA is caused by contractor, but not occurring by or arising out of Acts of God (Natural Calamity), or warlike operations the same will be made good by contractor at his/her own cost.

In case the firm fails to perform any of the terms and conditions of this agreement or commits any breach of the contract, the Director, ICAR-CIFA, Kausalyaganga, Bhubaneswar-751 002 shall have power to terminate the contract without assigning any reason thereof.

In case of any loss or damage to the property of the Director, ICAR-CIFA, Kausalyaganga, Bhubaneswar 751002, which is attributable to the firm, the full damages will be recovered from the firm. The firm shall not transfer its right of work or sub-contact to anyone else.

The firm or its workers shall not misuse the premises for any purpose other than for which contract is awarded. In case any accident/loss of life of the workers occurs during contract period and if any compensation is awarded, the same shall be borne by the firm.

The firm shall provide a coordinator for immediate interaction with the Director, ICAR-CIFA, Kausalyaganga, Bhubaneswar -751 002.

The terms and conditions as stipulated in the tender documents shall be part of this agreement.

Signature of contractor/Firm

Signature of witnesses with address

- 1.
- 2.

For and behalf of ICAR

**CERTIFICATE FOR NON-BLACK LISTING FOR SATISFACTORY
EXECUTION OF CONTRACT**

(ON NON-JUDICIAL STAMP PAPER WORTH Rs.10/- (Rupees Ten only))

We _____ (Name of the Firm) certify that our company/ Firm/PSU/ Autonomous Body/Public listed Company has not been blacklisted/ banned/suspended /disqualified/ debarred by Government Department/ Government Educational Institutions/Research Institutes.

Signature of the Contractor with seal

Date:

Full Name-

Place –

Seal-

TENDURE SCHEDULE:

Work Details: Development of Aquaponics Experimental Lab at ICAR-CIFA, Kausalyaganga, Bhubaneswar – 751002

Sl. No	Description of items	Qty.	Unit	Rate	Amount
1	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, for all lift, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m. All Kind of Soil. (Item Code :2.8.1)	11.85	m ³	260.30	3,084.56
2	Supplying and filling in plinth with sand under floors, including watering, ramming, consolidating and dressing complete. (Item Code : 2.27)	8.38	m ³	2,123.75	17,797.03
3	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level : 1:4:8 (1 Cement : 4 coarse sand (zone-III) derived from natural sources : 8 graded stone aggregate 40 mm nominal size derived from natural sources) (Item Code : 4.1.8)	2.62	m ³	6,812.00	17,847.44
4	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level : 1:2:4 (1 cement : 2 coarse sand (zone-III) derived from natural sources : 4 graded stone aggregate 20 mm nominal size derived from natural sources) (Item Code : 4.1.3)	0.84	m ³	7,878.50	6,617.94
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. above plinth level up to floor five level, excluding cost of centering, shuttering, finishing and reinforcement : 1:1.5:3 (1 cement : 1.5 coarse sand(zone-III) derived from natural sources : 3 graded stone aggregate 20 mm nominal size derived from natural sources) (Item Code : 5.2.2)	2.85	m ³	10,852.95	30,930.91
6	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) derived from natural sources : 3 graded stone aggregate 20 mm nominal	3.27	m ³	11,505.50	37,622.99

	size derived from natural sources). (Item Code : 5.3)				
7	Centering and shuttering including strutting, propping etc. and removal of form for: Lintels, beams, plinth beams, girders, bressumers and cantilevers (Item Code : 5.9.5)	28.64	m ²	736.40	21,090.50
8	Centering and shuttering including strutting, propping etc. and removal of form for: Columns, Pillars, Piers, Abutments, Posts and Struts (Item Code : 5.9.6)	27.60	m ²	961.30	26,531.88
9	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. (Item Code : 5.22.6)	669.00	Kg	107.85	72,151.65
10	Centering and shuttering including strutting, propping etc. and removal of form for Suspended floors, roofs, landings, balconies and access platform (Item Code : 5.9.3)	5.76	m ²	927.25	5,340.96
11	Brick work with non modular fly ash bricks conforming to IS:12894, class designation 10 average compressive strength in super structure above plinth level up to floor V level in : Cement mortar 1:4 (1 cement : 4 coarse sand) (Item Code : 6.34.1)	53.52	m ³	8,962.35	4,79,664.97
12	Half brick masonry with non modular fly ash bricks of class designation 10, conforming to IS :12894, in super structure above plinth upto floor V level. Cement mortar 1 : 3 (1 cement : 3 coarse sand) (Item Code : 6.45.1)	56.43	m ²	1,132.50	63,906.98
13	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. (Item Code : 10.2)	1171.51	Kg	133.70	1,56,630.89
14	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 (Item Code : 11.3.1)	10.50	m ²	614.20	6,449.10
15	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. Hot finished seamless type tubes (Item Code : 10.16.2)	146.16	Kg	206.35	30,160.12
16	Providing and fixing anodised aluminium grill (anodised transparent or dyed to required shade according to IS: 1868 with minimum anodic coating of grade AC 15) of	134.88	Kg	638.35	86,100.65

	approved design/pattern, with approved standard section and fixed to the existing window frame with C.P. brass/ stainless steel screws @ 200 mm centre to centre, including cutting the grill to proper opening size for fixing and operation of handles and fixing approved anodised aluminium standard section around the opening, all complete as per requirement and direction of Engineer-in-charge. (Only weight of grill to be measured for payment). (Item Code : 21.17)				
17	Providing and fixing precoated galvanised iron profile sheets (size, shape and pitch of corrugation as approved by Engineer-in-Charge) of total coated thickness 0.50 mm (base metal of minimum 0.45 mm thickness with total coating thickness of 0.05mm) 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. (Item Code : 12.50)	17.50	m ²	738.65	12,926.38
18	Providing and fixing precoated galvanised steel sheet roofing accessories of total coated thickness 0.50 mm (base metal of minimum 0.45 mm thickness with total coating thickness of 0.05 mm) with Zinc coating 120 gram 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 : Ridges plain (500 - 600mm) (Item Code : 12.51.1)	3.50	m	532.35	1,863.23
19	Providing & fixing false ceiling at all height including providing & fixing of framework made of special section, power pressed from M.S. sheets and galvanised with zinc coating of 120 gms/ sqm (both side inclusive) as per IS : 277 and consisting of angle cleat of size 25 mm wide x 1.6 mm thick with flanges of 27 mm and 37mm, at 1200 mm c/c, one flange fixed to the ceiling with dash fastener 12.5 mm dia x 50 mm long with 6 mm dia bolts, other flange of cleat fixed to the angle hangers of 25 x10 x0.50 mm of required length with nuts & bolts of required size and other end of angle hanger fixed with intermediate G.I channels 45 x15 x 0.90 mm running at the spacing of 1200 mm c/c, to which the ceiling section 0.5 mm thick bottom wedge of 80 mm with tapered flanges of 26 mm each having lips of 10.5mm, at 450 mm c/c, shall be fixed in a direction perpendicular to G.I intermediate channel with connecting clip made out of 2.64 mm dia x 230 mm long G.I wire at every junction, including fixing perimeter channels 0.50 mm thick 27 mm high having flanges of 20	102.60	m ²	1,572.30	1,61,317.98

	mm and 30 mm long, the perimeter of ceiling fixed to wall/ partitions with the help of Rawl plugs at 450 mm centre, with 25 mm long dry wall screws @ 230 mm interval, including fixing of Calcium Silicate Board to ceiling section and perimeter channels with the help of dry wall screws of size 3.5 x25 mm at 230 mm c/c, including jointing & finishing to a flush finish of tapered and square edges of the board with recommended jointing compounds, jointing tapes, finishing with jointing compounds in three layers covering up to 150 mm on both sides of joints and two coats of primer suitable for boards, all as per manufacture's specification and also including the cost of making opening for light fittings, grills, diffusers, cut outs made with frame of perimeter channels suitably fixed, all complete as per drawings, specification and direction of the Engineer in charge but excluding the cost of painting with:				
20	20 mm cement plaster of mix : 1:4 (1 cement: 4 fine sand) (Item Code - 13.3.1)	233.20	m ²	471.35	1,09,918.82
21	20 mm cement plaster of mix : 1:4 (1 cement: 4 coarse sand) (Item Code : 13.6.1)	182.00	m ²	487.40	88,706.80
22	Cement plaster 1:3 (1 cement: 3 coarse sand) finished with a floating coat of neat cement. 20 mm cement plaster (Item Code : 13.9.2)	9.50	m ²	587.20	5,578.40
23	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 / panelling, 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) : For fixed portion: Powder coated aluminium (minimum thickness of powder coating 50 micron) (Item Code : 21.1.1.2)	93.60	Kg	530.90	49,692.24
24	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 / panelling, C.P. brass / stainless steel screws, all complete as per architectural drawings and the	83.52	Kg	634.45	52,989.26

	directions of Engineer-in-charge. (Glazing, paneling and dash fasteners to be paid for separately) : For shutters of doors, windows & ventilators including providing and fixing hinges/ pivots and making provision for fixing of fittings wherever required including the cost of EPDM rubber / neoprene gasket required (Fittings shall be paid for separately) Powder coated aluminium (minimum thickness of powder coating 50 micron) (Item Code : 21.1.2.2)				
25	Providing and fixing glazing in aluminium door, window, ventilator shutters and partitions etc. with EPDM rubber / neoprene gasket etc. complete as per the architectural drawings and the directions of engineer-in-charge . (Cost of aluminium snap beading shall be paid in basic item): With float glass panes of 5 mm thickness (weight not less than 12.50 kg/sqm) (Item Code : 21.3.2)	14.40	m ²	1,505.25	21,675.60
26	Providing and fixing factory made single extruded WPC (Wood Polymer Composite) solid plain flush door shutter of required size comprising of virgin polymer of K value 58-60 (Suspension Grade), calcium carbonate and natural fibers (wood powder/ rice husk/wheat husk) and non toxic additives (maximum toxicity index of 12 for 100 gms) having minimum density of 650 kg/cum and screw withdrawal strength of 1800 N (Face) & 900 N (Edge), minimum compressive strength 50 N/mm², modulus of elasticity 850 N/mm² and resistance to spread of flame of Class A category with property of being termite/borer proof, water/moisture proof and fire retardant and fixing with stainless steel butt hinges of required size with necessary full body threaded star headed counter sunk S.S screws, all as per direction of Engineer-In- Charge. (Note: stainless steel butt hinges and necessary S.S screws shall be paid separately). 35 mm thick (Item Code : 26.87.2)	9.45	m ²	5,015.35	47,395.06
27	Providing and applying white cement based putty of average thickness 1 mm, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete. (Item Code - 13.80)	230.60	m ²	156.05	35,985.13
28	Finishing walls with Premium Acrylic Smooth exterior paint with Silicone additives of required shade: New work (Two or more coats applied @ 1.43 ltr/10 sqm over and including priming coat of exterior primer applied @ 0.90 litre/10 sqm) (Item Code : 13.47.1)	182.00	m ²	171.10	31,140.20
29	Finishing with Deluxe Multi surface paint system for interiors and exteriors using Primer as per manufacturers specifications : Two or more coats applied on walls @ 1.25 ltr/10 sqm over and including one coat of Special primer applied @ 0.75 ltr/10 sqm (Item Code : 13.48.1)	230.60	m ²	193.70	44,667.22

30	Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade : Two or more coats on new work over an under coat of suitable shade with ordinary paint of approved brand and manufacture (Item Code : 13.62.1)	237.40	m ²	226.25	53,711.75
31	Supplying and fixing following way8way(4+24), 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)	1.00	Nos	5,967.00	5,967.00
32	Supplying and fixing of PVC insulated and PVC sheathed / XLPE power cable of 1.1 KV grade of following size (25 sq.mm 3.5 core) as per requirement of the Institute.	40.00	m	380.00	15,200.00
33	Supplying and fixing of 6mtrs.GI pipe with cooping as required with cooping.	1.00	Nos	4,000.00	4,000.00
34	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 PVC conduit, with modular switch, modular plate, suitable GI box and earthing the point with 1.5 sq.mm FRLS PVC insulated copper conductor single core cable etc. as required.(Code:1.10.2)	32.00	Point	1,182.00	37,824.00
35	Wiring for light/ power plug with 2X4 sq. mm FRLS PVC insulated copper conductor single core cable in surface/ recessed medium class PVC conduit alongwith 1 No. 4 sq. mm FRLS PVC insulated copper conductor single core cable for loop earthing as required.	255.00	m	334.00	85,170.00
36	Wiring for circuit/ submain wiring alongwith earth wire with the following sizes (2 X 2.5 sq. mm + 1 X 2.5 sq. mm earth wire)of FRLS PVC insulated copper conductor, single core cable in surface/ recessed medium class PVC conduit as required.	25.00	m	275.00	6,875.00
37	supplying and fixing of 6way GI board with modular cover plate with 1nos. 15A Switch and 1nos. 15A Socket and 1nos. 5A Switch and 1nos. 5A Socket as per requirement of the Institute.	16.00	Nos	880.00	14,080.00
38	Supplying and fixing suitable size GI box with modular plate and cover in front on surface or in recess, including providing and fixing 1 no. 5 pin 15/16 A modular socket outlet and 1 no.25A modular AC starter, connections etc. as required.	4.00	Nos	1,200.00	4,800.00
39	Supplying and fixing of 22W LED ceiling light as per requirement of the Institute.	16.00	Nos	1,300.00	20,800.00
40	Supplying and fixing of 40W well glass(IP65)LED ceiling light as per requirement of the Institute.	8.00	Nos	4,000.00	32,000.00
41	Supplying and fixing of 26W BLDC fan as per requirement of the Institute	7.00	Nos	4,000.00	28,000.00
42	Supplying and fixing of 45W street light with bracket,clamp as per requirement of the institute.	8.00	Nos	2,500.00	20,000.00
43	Earthing with G.I. earth pipe 4.5 metre long, 40 mm dia including GI wire accessories, and providing masonry	1.00	Nos	6,855.00	6,855.00

	enclosure with cover plate having locking arrangement and watering pipe etc. with charcoal/ coke and salt as required.(Code:5.2)				
44	Supplying, installation, testing, Commissioning of inverter based split AC fitted with rotary compressor with nominal cooling capacity (5star rating) unit(2TR) both outdoor compressor unit and indoor cooling unit inside rooms with necessary accessories such as brass flare nut, screw PVC and other taps and making all arrangements for lifting the units up to the terrace, making hole, cutting the wall etc. complete as required.(Make-Hitachi, Carrier ,Voltas)	4.00	Nos	55,000.00	2,20,000.00
45	Supplying and installation, testing and commissioning of following voltage stabilizer(5KVA) having range 130-300 volt with high voltage/ low voltage over load auto tripping arrangement and 3 minutes delay starting and connection with 3 core flexible heavy duty copper conductor cable of required length etc. complete as required.(Make-V-guard, EL power, opto).	4.00	Nos	9,500.00	38,000.00
46	Supplying and fixing of 63A MCB (4 pole) as required.	1.00	Nos	2,200.00	2,200.00
47	Supplying and fixing of 32A SP(C) MCB as required.	4.00	Nos	220.00	880.00
48	Supplying and fixing of 20A SP MCB as required.	16.00	Nos	180.00	2,880.00
49	Supplying and fixing of 10A SP MCB as required.	4.00	Nos	150.00	600.00
50	supplying and fixing of Suitable size PVC board with modular cover plate with 3nos. 5A , modular Switch and 3nos. 5A modular Socket as per requirement of the Institute.	1.00	Nos	1,000.00	1,000.00
	Grand Total				23,26,627.60
	Say Rs.				23,26,628.00

(Rupees Twenty Three Lakhs Twenty Six Thousand Six Hundred Twenty Eight Only)

Name & Signature of the Agency: -