



OPEN TENDER ENQUIRY THROUGH E-PROCUREMENT

Tender ID 2025_DARE_886587_1

F. No. ICAR-CIFA/Works/R&M/PMMSY/Fencing_Prawn/2025-26

Date: 21.11.2025

Sub: Tender for Civil Work for: “**Fencing of Prawn section, Construction of blower room, blower fitting, wiring of aeration system for experimental system CISTERN etc. at Prawn complex, ICAR- CIFA, Kausalyaganga, Bhubaneswar**”.

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/R&M/PMMSY/Fencing_Prawn/2025-26
Description of work	Tender for Civil Work for: “Fencing of Prawn section, Construction of blower room, blower fitting, wiring of aeration system for experimental system CISTERN etc. at Prawn complex, ICAR- CIFA, Kausalyaganga, Bhubaneswar”
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.99,268/- (Rupees Ninety Nine Thousand Two Hundred Sixty Eight 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. 1-15)	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 work of similar nature) 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 work of similar nature) 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 fortified.
2. The security deposit shall be fortified 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).
15. Only the following brands' material should be used in the work: -
 - i. Cement – Ultratech, Ambuja, JK Cement, Dalmia DSP, Jindal Panther
 - ii. Reinforcement – Tata, SAIL, Vizag
 - iii. Roofing Precoated Galvanized Sheet – Tata Blue Scope, Vizag, Jindal
 - iv. Stainless Steel (304 Grade) – Jindal, Tata
 - v. Structural Steel – Tata, SAIL, Jindal

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: Fencing of Prawn section, Construction of blower room, blower fitting, wiring of aeration system for experimental system CISTERN etc. at Prawn complex, ICAR- CIFA, Kausalyaganga, Bhubaneswar

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 min 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 kinds of Soil (Item code:2.8.1)	131.11	m ³	260.30	34,127.93
2	Excavating trenches by mechanical / manual means of required width for pipes, cables, etc including excavation for sockets, and dressing of sides, ramming of bottoms, for all depth, including getting out the excavated soil, and then returning the soil as required, in layers not exceeding 20 cm in depth, including consolidating each deposited layer by ramming, watering, etc. and disposing of surplus excavated soil as directed, within a lead of 50 m : All kinds of soil Pipes, cables etc, not exceeding 80 mm dia. (Item Code:2.10.1.1)	90.00	m	215.60	19,404.00
3	Supplying and filling in plinth with sand under floors, including watering,ramming, consolidating and dressing complete. (Item Code: 2.27)	33.19	m ³	2,123.75	70,487.26
4	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level : 1:4:8 (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)	17.78	m ³	6,812.00	1,21,117.36
5	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)	1.08	m ³	7,878.50	8,508.78
6	Reinforced cement concrete work in walls (any thickness), including attached pilasters, buttresses, plinth and string courses,	6.53	m ³	10,852.95	70,869.76

	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)				
7	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 size derived from natural sources). (Item Code:5.3)	9.12	m ³	11,505.50	1,04,930.16
8	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)	17.80	m ²	927.25	16,505.05
9	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)	18.72	m ²	736.40	13,785.41
10	Centering and shuttering including strutting, propping etc. and removal of form for Columns, Pillars, Piers, Abutments, Posts and Struts. (Item Code : 5.9.6)	104.40	m ²	961.30	1,00,359.72
11	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete above plinth level. Thermo-Mechanically Treated bars of grade Fe-500D or more. (Item Code : 5.22A.6)	1695.60	kg	107.85	1,82,870.46
12	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)	49.53	m ³	8,962.35	4,43,905.20
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)	1764.00	kg	133.70	2,35,846.80
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. 40 mm thick with 20 mm nominal size stone aggregate (Item Code : 11.3.1)	12.96	m ²	614.20	7,960.03

15	20 mm cement plaster of mix : 1:4 (1 cement: 4 coarse sand) (Item Code : 13.6.1)	339.21	m ²	487.40	1,65,330.95
16	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)	339.21	m ²	171.10	58,038.83
17	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)	46.81	m ²	193.70	9,067.10
18	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)	141.12	m ²	226.25	31,928.40
19	Grading roof for water proofing treatment with : Cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) (Item Code : 22.14.1)	1.28	m ³	8,042.30	10,294.14
20	Providing and fixing factory made single extruded WPC (Wood Polymer Composite) solid door/window/Clerestory windows & other Frames/ Chowkhat comprising of virgin PVC 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 dex of 12 for 100 gms) fabricated with miter joints after applying PVC solvent cement and screwed with full body threaded star headed SS screws having minimum frame density of 750 kg/cum, screw withdrawal strength of 2200 N (Face) & 1100 N (Edge), minimum compressive strength of 58 N/mm ² , modulus of elasticity 900 N/mm ² and resistance to spread of flame of Class A category with property of being termite/borer proof, water/moisture proof and fire retardant and fixed in position with M.S hold fast/lugs/SS dash fasteners of required dia and length complete as per direction of Engineer-In- Charge. (M.S hold fast/lugs or SS dash fasteners shall be paid for separately). Frame Size - 50mm x 100 mm (Item Code:26.86.3)	10.80	m	947.70	10,235.16
21	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/mm ² , modulus of elasticity 850 N/mm ² and resistance to spread of flame of Class A category	4.32	m ²	4,346.70	18,777.74

	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) 30 mm thick (Item Code:26.87.1)				
22	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. 50 mm nominal dia Pipes (Item Code:18.9.6)	108.00	m	794.25	85,779.00
23	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 nominal dia Pipes (Item Code:18.9.3)	140.00	m	355.40	49,756.00
24	Providing and fixing 50mm - 25mm dia cpvc Tee	14.00	Nos	450.00	6,300.00
25	Providing and fixing 50mm dia cpvc L bow	10.00	Nos	325.00	3,250.00
26	Providing and fixing 25mm - 15mm dia cpvc reducer Tee / reduce socket	28.00	Nos	150.00	4,200.00
27	Providing and fixing 25mm dia upvc control valve	28.00	Nos	480.00	13,440.00
28	Providing and fixing 50mm dia upvc control valve	2.00	Nos	2,560.00	5,120.00
29	Providing and fixing 50mm dia upvc socket	7.00	Nos	230.00	1,610.00
30	Fixing of blower by making raised for foundation base, bolting of blower base, welding / moulding and fitting with supply system etc. with required wiring system as required.	1.00	LS	6,500.00	6,500.00
31	Supplying of RCC/PCC pole of 8mtrs.length suitable for over head LT line as per requirement of department.	1.00	Nos	5,500.00	5,500.00
32	Laying of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1 KV grade of following size (25 sq.mm 3.5 core) direct in ground including excavation, sand cushioning, protective covering and refilling the trench etc as required.	5.00	m	387.00	1,935.00
33	Supplying 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.	30.00	m	350.00	10,500.00
34	Erection of RCC/ PCC pole of following length in brick ballast and ramming the foundation, finishing with 150mm thick cement concrete (1:3:6) layer on top with including excavation and refilling etc as required.	1.00	n	6,177.00	6,177.00

35	Supplying and fixing of light class G.I. pipe of 80 mm dia. (nominal) 3 metres length along the pole for protection of under ground cable as required.	1.00	Nos	3,606.00	3,606.00
36	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. with dismantling of existing one with white washing as required.(Code:1.10.2)	4.00	Nos	1,182.00	4,728.00
37	Supplying and fixing of 20W LED tube light as required.	1.00	n	250.00	250.00
38	Supplying and fixing of 78W high speed fan as per requirement of the Institute.	1.00	Nos	2,500.00	2,500.00
39	Supplying and fixing of 5A modular socket as required.	1.00	n	90.00	90.00
40	Supplying and fixing of 45W LED street light with bracket clamp as required.	2.00	Nos	2,500.00	5,000.00
41	Supplying and fixing of 5hp 3 phase DOL starter as per requirement of the institute.	2.00	Nos	5,000.00	10,000.00
42	Wiring for circuit/ submain wiring alongwith earth wire with the following sizes(4 X 6 sq. mm + 2 X 6 sq. mm earth wire) of FRLS PVC insulated copper conductor, single core cable in surface/ recessed medium class PVC conduit as required.	8.00	m	754.00	6,032.00
43	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.(Code:1.14.2)	5.00	m	275.00	1,375.00
44	Pannel board containing 2nos.32A TP MCB and 1no. 64A 4pole MCB and 1no. 32A DP MCB with indicator and amp,volt meter.as required.	1.00	Nos	10,500.00	10,500.00
45	Earthing with G.I. earth pipe 4.5 metre long, 40 mm dia including GI wire accessories, and providing masonry enclosure withcover plate having locking arrangement and watering pipe etc. with charcoal/ coke and salt as required.(Code:5.2)	1.00	Nos	6,855.00	6,855.00
				Grand Total	19,85,353.25
				Say Rs.	19,85,353.00

(Rupees Nineteen Lakhs Eighty Five Thousand Three Hundred Fifty Three Only)

Name & Signature of the Agency: -