



OPEN TENDER ENQUIRY THROUGH E-PROCUREMENT

F.NO. ICAR-CIFA/Works/2021-22/PMMSY(2)

Date: 27.10.2021

Sub: Tender for Civil Work for: **“Construction of hatchery shed (Size: 20.00m x 7.00m)with brick masonry enclosure, aluminum window, internal drainage arrangement with pre-coated galvanized sheet roofing ” at ICAR-CIFA, Kausalyaganga.**

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

Tender Number	F.NO. ICAR-CIFA/Works/2021-22/PMMSY(2)
Description of work	Tender for Civil Work for: “Construction of hatchery shed (Size: 20.00m x 7.00m)with brick-masonry enclosure, aluminum window, internal drainage arrangement with pre-coated galvanized sheet roofing at ICAR-CIFA, Kausalyaganga”.
Type of Tender	Two Bid System
Date of release of Tender through e-procurement portal	27.10.2021 :: 01.00 PM
Bid submission start date online	27.10.2021 :: 02.00 PM
Last date and time of Receipt of EMD(Bid Security Declaration Form) at ICAR-CIFA, BBSR	02.11.2021 at 02.00 PM
Last Date & time for submission of online bid	02.11.2021 at 02.00 PM
Date & time for opening of technical bid	03.11.2021 at 02.30 PM
Financial bid to be opened	Will be reflected in the Technical Evaluation Report which will be technically qualified.
Bid Validity	180 days from the date of Technical Bid Opening
Tender Fee	1) No tender fee if bid documents downloaded from CPPP portal/Institute website. 2) Tender fee of Rs.1,000.00(Rupees one thousand only) will be levied if tender documents procured from ICAR-CIFA,Kausalyaganga office.
EMD	Bid Security Declaration should be submitted by bidders along with their bid. *N.B :

Performance Security Deposit	3% 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, ICAR-CIFA, Payable at SBI Kausalyaganga, Bhubaneswar (Code No. SBIN 0008874)
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.icar-cifa.nic.in/www.eprocure.gov.in
Address for communication	The Director, ICAR-CIFA, Kausalyaganga, Bhubaneswar Pin Code 751 002

***N.B :** According to OM No.F.9/4/2020-PPD GOI,MOF,DOE,PPD,dated:12.11.2020, bidders claiming exemption of EMD under the OM are however required to submit a signed bid security declaration, accepting that if they withdraw or modify their bids during the period of validity of tender or if they are awarded the contract and they fail to sign the contract or to submit a performance security before the deadline defined in the request in the bids documents, they will be suspended for a period of 36months from being eligible to submit bids for tenders with ICAR-CIFA,Kausalyaganga.

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 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 (if page number of enclosures is not mentioned the technical bid will not be considered)
1.	Scan copy of EMD(Bid Security Declaration Form)	Pdf	
2.	Scan copy of valid licenses of the firm/ contractor	Pdf	
3.	Scan copy of PAN Card	Pdf	
4.	Scan copy of latest Income Tax return	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	Pdf	
7.	Scan copy of dully filled up complete tender document (technical bid part) duly signed and stamped as a token of acceptance of all the terms and conditions of tender document.	Pdf	
8.	<p>Scan copy of Experience of having successfully completed similar works during last 7 years ending last day of month previous to the one in which bid is invited should be either of the following:</p> <p>Three similar completed works costing not less than the amount equal to 40% of the estimated cost.</p> <p style="text-align: center;">Or</p> <p>Two similar completed works costing not less than the amount equal to 50% of the estimated cost.</p> <p style="text-align: center;">Or</p> <p>One similar completed works costing not less than the amount equal to 80% of the estimated cost.</p> <p>Similar work : Shed construction, Building construction etc.</p>	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 deposit the **performance security deposit @ 3 %** of Ordered Value of the work in shape of separate demand draft of any nationalized bank drawn in favour of **ICAR Unit, CIFA** payable at **SBI, Kausalyaganga, Bhubaneswar** within the stipulated date falling which the order will stand cancelled and action will be taken according to bid declaration.
2. The performance 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

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.

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.

9. Tender Fee

1) No tender fee if bid documents downloaded from CPPP portal/Institute website.

2) Tender fee of Rs.1,000.00(Rupees one thousand only) will be levied if tender documents procured from ICAR-CIFA,Kausalyaganga office.

10. EMD(Bid Security Declaration Form)

Bid Security Declaration should be submitted by bidders along with their bid.

***N.B :**

11. 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.

12. Late Bids

ICAR-CIFA shall not be responsible and liable for the delay in receiving the bid for whatsoever reason.

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.

13. Comparison of Bids

- a. Only the technically qualified 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.

14. 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.

15. 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 entire tender without assigning any reasons thereof.

16. SPECIAL CONDITIONS OF CONTRACT (SCC)

Prices

- The price quoted shall be considered firm 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 3% of the order value within 7 days of receipt of Supply Order. The Security Deposit should be submitted in the form of Demand Draft drawn in favour of ICAR unit, CIFA payable at SBI, Kausalyaganga. 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/RTGS.

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.

17. 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. 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.
10. The tenderer will be abide by the contract labour act, minimum wages act and other labour related acts, applicable during execution of the work.
11. 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.
12. 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.
13. Successful bidders will have to enter into a detailed contract agreement (format attached) 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 <http://eprocure.gov.in>., Percentage rate to be quoted above or below the estimated cost in figure and words in the percentage HOQ.**

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 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 the 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 therefore 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

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 refer. 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 by 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, Bhubaneswar751 002, 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

DRAFT SPECIMEN

BID SECURITY DECLARATION FORM

(To be given on Company Letter Head).

I/We.....(Proprietor/authorize representative) of the(Name of the firm/agency) applying/participating in the bid invited by ICAR-CIFA,Kausalyaganga for(Name of the Work) hereby accept that if I/We withdraw or modify my/our bids during the period of validity etc., I/We will be suspended for a period of 36months from being eligible to submit bids for any tender with ICAR-CIFA,Kausalyaganga. Other suitable legal/administrative action may also be taken as per rules against me/us.....(Name of the firm/agency).

Yours Faithfully,
Authorized Signatory.

(Signature of the Bidder, with Official Seal)

TENDURE SCHEDULE:

Work Details: “Construction of hatchery shed (Size: 20.00m x 7.00m) with brick masonry enclosure, aluminium window, internal drainage arrangement with precoated galvanised sheet roofing at ICAR-CIFA, at ICAR-CIFA, Kausalyaganga.”

Sl.No	Description of items	Qty	Unit	Rate	Amount
1	Excavation work by mechanical means (Hydraulic excavator)/ manual means in foundation trenches or drains (not exceeding 1.5m in width or 10 sqm on plan), including dressing of sides and ramming of bottoms, lift upto 1.5 m, including getting out the excavated soil and disposal of surplus excavated soils as directed, within a lead of 50 m. Ordinary rock. (item code:2.9.1)	68.54	m3	166.40	11405.06
2	Supplying and filling in plinth with sand under floors, including watering, ramming, consolidating and dressing complete. (item code :2.27)	140.46	m3	458.87	64452.88
3	Providing and laying in position cement concrete of specified grade 1:4:8 (1 Cement : 4 coarse sand (zone-III) : 8 graded stone aggregate 40 mm nominal size) excluding the cost of centering and shuttering - All work up to plinth level (item code : 4.1.8)	27.90	m3	4478.15	124940.39
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) : 4 graded stone aggregate	11.20	m3	5481.95	61397.84

	20 mm nominal size). (tem code : 4.1.3)				
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 and grade :1:1.5:3 (1 cement : 1.5 coarse sand(zone-III) : 3 graded stone aggregate 20 mm nominal size). (item code :5.2.1)	13.89	m3	7145.80	99255.16
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 grade 1:1.5:3 (1 cement : 1.5 coarse sand : 3 graded stone aggregate 20 mm nominal size). (itemcode :5.3)	13.29	m3	7390.80	98223.73
7	Centering and shuttering including strutting, propping etc. and removal of form for all heights : Foundations, footings, bases of columns, etc. for mass concrete (item code :5.9.1)	21.12	m2	193.95	4096.22
8	Centering and shuttering including strutting, propping etc. and removal of form for all heights :Lintels, beams,	117.60	m2	342.90	40325.04

	plinth beams, girders, bressumers and cantilevers.(Item code: 5.9.5)				
9	Centering and shuttering including strutting, propping etc. and removal of form for all heights :Columns, Pillars, Piers, Abutments, Posts and Struts(Item code: 5.9.6))	96.00	m2	467.85	44913.60
10	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto plinth level Hot rolled deformed bars (item code:5.22.4)	2585.00	kg	56.60	146311.00
11	Brick work with clay flyash F.P.S. (non modular) brick of class designation 7.5 in superstructure above plinth level up to floor five level in :Cement mortar 1:4 (1 cement : 4 coarse sand) (item code:6.32.1)	26.34	m3	4751.65	125158.46
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 1:6 (1 cement : 6 Coarse sand) (item code : 6.34.2)	25.41	m3	6167.20	156708.55
13	Structural steel work riveted, bolted or welded in built up sections, trusses and framed work, including cutting, hoisting, fixing in position and	1002.78	Kg	67.60	67787.93

	applying a priming coat of approved steel primer all complete. (item code :10.2)				
14	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)	3289.77	Kg	93.90	308909.40
15	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 shape wherever required. (item code : 12.50)	189.00	m2	627.55	118606.95

16	Providing and fixing precoated galvanised steel sheet roofing accessories 0.50 mm (+ 0.05 %) total coated thickness, Zinc coating 120 grams per sqm as per IS: 277, in 240 mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 microns using self drilling/ self tapping screws complete :Ridges plain (500 - 600mm)(item code :12.51.1)	21.00	mt	360.45	7569.45
17	Providing and fixing 16mm dia and length 300mm long function bolts on each base plate of column.	16.00	set	1085.00	17360.00
18	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)	212.00	m2	362.60	76871.20
19	Cement plaster skirting up to 30 cm height, with cement mortar 1:3 (1 cement : 3 coarse sand), finished with a floating coat of neat cement 18 mm thick.(Item code:11.6.1)	8.10	m2	350.05	2835.41
20	20 mm cement plaster of mix : 1:4 (1 cement: 4 fine sand).(Item code:13.3.1)	296.52	m2	240.15	71209.28

21	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)	60.00	m2	313.25	18795.00
22	Finishing walls with Premium Acrylic Smooth exterior paint with Silicone additives of required shade: 13.47.1 New work (Two or more coats applied @ 1.43 ltr/10 sqm over and including priming coat of exterior primer applied @ 2.20 kg/10 sqm)(Item code:13.47.1)	154.02	m2	96.80	14909.14
23	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)	142.50	m2	98.95	14100.38
24	Painting with synthetic enamel paint of approved brand and manufacture to give an even shade :Two or more coats on new work(item code :13.61.1)	43.20	m2	78.40	3386.88
25	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	246.24	Kg	391.80	96476.83

	<p>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) :For fixed portion Polyester powder coated aluminium (minimum thickness of polyester powder coating 50 micron) (item code :21.1.1.3)</p>				
26	<p>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</p>	280.80	Kg	452.40	127033.92

	drawings and the 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) Polyester powder coated aluminium (minimum thickness of polyester powder coating 50 micron) (item code : 21.1.2.3)				
27	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 5.50 mm thickness (item code:21.3.2)	43.20	m2	1003.95	43370.64
28	Providing and fixing 1 mm thick M.S. sheet sliding-shutters, with frame and diagonal braces of 40x40x6 mm angle iron, 3 mm M.S. gusset plates at the junctions and corners, 25 mm dia pulley, 40x40x6 mm angle and T- iron guide at the top and bottom respectively, including applying a priming coat of approved steel primer. (item code :10.4)	3.15	m2	3292.00	10369.80

29	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 outer dia Pipes (item code :18.9.3)	70.00	mt	191.65	13415.50
30	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 outer dia Pipes(item code:18.9.6)	60.00	mt	484.25	29055.00
31	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 62.50 mm nominal inner dia Pipes(item code :18.9.7)	45.00	mt	1081.75	48678.75
32	Providing and fixing PVC control valve of 25mm nominal bore with brass threaded short piece at the end	20.00	nos	1400.00	28000.00

	as per the direction.				
33	Providing and fixing PVC control valve of 15mm dia brass threaded short piece at the end.	10.00	nos	650.00	6500.00
34	Providing and fixing PVC control valve of 50mm dia brass threaded end as per the instruction.	3.00	nos	2150.00	6450.00
35	Laying of one number PVC insulated and PVC sheathed / XLPE power cable of 1.1 KV grade of 35mm 3.5core cable size direct in ground including excavation, sand cushioning, protective covering and refilling the trench etc as required.	50.00	mtr.	323.400	16170.00
36	Supplying of XLPE power cable of 1.1KV grade 35mm 3.5 core cable as per the requirement of department.	55.00	mtr.	310.00	17050.00
37	Supplying and fixing of distribution box with 63A TPN main switch as per the requirement of department.	1.00	Set.	4500.00	4500.00
38	Supplying and fixing of following 8 way (4 + 24), Double door surface/ recess mounting, vertical type, 415 V, TPN MCB distribution board of sheet steel, dust protected, duly powder painted, inclusive of 200 A tinned copper bus bar, common neutral link, earth bar, din bar for mounting MCBs (but without MCBs and incomer) as	1.00	Set.	7744.00	7744.00

	required . (Note : Vertical type MCB TPDB is normally used where 3 phase outlets are required.)				
39	Wiring for main wiring alongwith earth wire with the(4x6sq.mm+1x6sq.mm) sizes of FRLS PVC insulated copper conductor, single core cable in surface/ recessed PVC conduit as required.	6.00	mtr.	394.00	2364.00
40	Wiring for submain wiring along with earth wire with the(2x2.5sq.mm+1x2.5sq.mm) sizes of FRLS PVC insulated copper conductor, single core cable in surface/ recessed PVC conduit as required.	220.00	mtr.	167.00	36740.00
41	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 1.5 sq.mm FRLS PVC insulated copper conductor single core cable etc. as required.	31.00	Point	783.00	24273.00
42	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 Nos. 4 sq. mm FRLS PVC insulated copper conductor single core cable for loop earthing as	35.00	mtr.	200.00	7000.00

	required.				
43	Supplying and fixing suitable size GI box with modular plate and cover in front on surface or in recess, including providing and fixing 2 nos. 3 pin 5/6 A modular socket outlet and 2 nos. 5/6 A modular switch, connections etc. as required.	14.00	Nos.	582.00	8148.00
44	Supplying and fixing suitable size GI box with modular plate and cover in front on surface or in recess, including providing and fixing 2 nos. 3 pin 15/16 A modular socket outlet and 2 nos. 15/16 A modular switch, connections etc. as required.	2.00	Nos.	800.00	1600.00
45	Supplying and fixing of 16A SP MCB	16.00	Nos.	210.00	3360.00
46	Supplying and fixing of 25A SP MCB	2.00	Nos.	250.00	500.00
47	Supplying and fixing of 63A 4 pole MCB	1.00	No.	1600.00	1600.00
48	Supplying and fixing of 20W LED tube light of reputed brand.	18.00	Nos.	300.00	5400.00
49	Supplying and fixing of 48" high speed ceiling fan with good star rating as required.	12.00	Nos.	2500.00	30000.00

50	Supplying and fixing of 25W LED street light with GI bracket and other accessories of reputed brand.	1.00	No.	2500.00	2500.00
51	Earthing with G.I. earth pipe 4.5 metre long, 40 mm dia including GI wire accessories, and providing masonry enclosure with cover plate having locking arrangement and watering pipe etc. with charcoal/ coke and salt as required.	1.00	Set.	5308.00	5308.00
52	Supplying and fixing of distribution box with 63A 4 pole Change over switch as per the requirement of department.	1.00	Set.	5300.00	5300.00
	TOTAL				2288416.00

(Rupees twenty two lakhs eighty-eight thousand four hundred and sixteen only).

Name & Signature of the Agency:-.....

