



भा.कृ.अ.प- केन्द्रीय मीठाजल जीवपालन अनुसंधान संस्थान
I.C.A.R-Central Institute of Freshwater Aquaculture
कौशल्यांग, भुवनेश्वर-751002, ओड़ीशा
Kausalyaganga, Bhubaneswar-751002, Odisha




No. ICAR-CIFA/Works/EFC/2023-24/17

Date : 18.12.2023

CORRIGENDUUM

In Partial modification of Tender Id 2023_DARE_785617_1, the name of the work mentioned in BOQ may be read as "Wet lab tanks repairing and re-modelling on both side at ICAR-CIFA, Kausalyaganga. All other information's contained therein remains unchanged.

The inconvenience caused is regretted.


18/12/23
(J. N. Jena)
AAO (Engg. & Estate)



OPEN TENDER ENQUIRY THROUGH E-PROCUREMENT

Tender ID: 2023_DARE_785617_1

F. No. ICAR-CIFA/Works/EFC/2023-24/17

Date: 15.12.2023

Sub: Tender for Civil Work for: **“Wet lab tank repairing and re-modelling on both side”** 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 are mentioned below:

Tender Number	F. No. ICAR-CIFA/Works//EFC/2023-24/17
Description of work	Tender for Civil Work for: “Wet lab tanks repairing and re-modelling on both side” at ICAR-CIFA, Kausalyaganga.
Type of Tender	Two Bid System
Date of release of Tender through e-procurement portal	15.12.2023 :: 02:30PM
Bid submission start date online	15.12.2023 :: 02.30 AM
Last date and time of Receipt of EMD at ICAR-CIFA, BBSR	29.12.2023 :: 2.30 PM
Last Date & time for submission of online bid	29.12.2023 :: 3.00 PM
Date & time for opening of technical bid	30.12.2023 :: 3.00 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.1,24,577/- (Rupees One lakh twenty-four thousand five hundred seventy seven only) in the form of 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. 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

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 electrical 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.	Original DD 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 latest Income Tax return	Pdf	
5.	Scan copy of GST registration certificate issued by Govt. etc. and latest GST return certificate (August-2023)	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.	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* completed works costing not less than the amount equal to 50% of the estimated cost. Or One similar completed works costing equal/higher of the estimated cost. *Similar work : Experience in renovation of office buildings/residential buildings/wet lab tank repairing /water supply channel etc.	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 @ 5 %** 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 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

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

NIL

10. EMD

5% of estimated cost (Exempted for MSME firm) .

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 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 any/entire tender without assigning any reasons thereof.

16. 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 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.

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 HOO.**

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 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 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

Name of the work: "_____"

Work Order No: _____ Date: _____ Amount _____

This agreement in made at ICAR-CIFA, Bhubaneswar – 751002 on (Date.....) between the Director, ICAR-CIFA, Kausalyaganga, Bhuaneswar-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 referedr. 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 contact 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

TENDURE SCHEDULE:**Work Details: “ Wet lab tanks repairing and re-modelling on both side at ICAR-CIFA, Kausalyaganga.”**

Sl. No	Description of items	Qty.	Unit	Rate	Amount
1	Demolishing R.C.C. work manually/ by mechanical means including stacking of steel bars and disposal of unserviceable material within 50 metres lead as per direction of Engineer - in- charge.(item code:15.3)	10.55	m ³	1454.55	15345.50
2	Dismantling precast concrete or stone slabs in walls, partition walls etc. including stacking within 50 metres lead : Thickness above 40 mm up to 75 mm. (item code:15.40.2)	32.40	m ²	179.70	5822.28
3	Dismantling old plaster or skirting raking out joints and cleaning the surface for plaster including disposal of rubbish to the dumping ground within 50 metres lead.(item code:15.56)	273.50	n ²	39.00	10666.50
4	20 mm cement plaster of mix :1:6 (1 cement: 6 coarse sand) (item code:13.6.2)	273.50	m ²	232.85	63684.48
5	15 mm cement plaster on rough side of single or half brick wall finished with a floating coat of neat cement of mix :1:4 (1 cement: 4 fine sand).(item code:13.8.2)	140.80	m ²	241.50	34003.20
6	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) : 8 graded stone aggregate 40 mm nominal size) (item code: 4.1.8)	4.80	m ³	5789.60	27790.08
7	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 40 mm nominal size) (item code: 4.1.4)	2.99	m ²	6680.20	19973.80
8	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) : 3 graded stone aggregate 20 mm nominal size).(item code:5.3)	2.92	M3	9763.80	28510.30
9	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete up to plinth level. Hot rolled deformed bars. (item code:5.22.4)	300.00	Kg	83.50	25050.00

10	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)	131.60	m ²	398.35	52422.85
11	Rough cast plaster upto 10 m height above ground level with a mixture of sand and gravel or crushed stone from 6 mm to 10 mm nominal size, dashed over and including the fresh plaster in two layers, under layer 12 mm cement plaster 1:4 (1 cement : 4 coarse sand) and top layer 10 mm cement plaster 1:3 (1 cement : 3 fine sand) mixed with 10% finely grounded hydrated lime by volume of cement. Ordinary cement finish using ordinary cement (item code:13.19.1)	144.64	m ²	481.10	69586.30
12	Providing and laying vitrified floor tiles in different sizes (thickness to be specified by the manufacturer) with water absorption less than 0.08% and conforming to IS: 15622, of approved make, in all colours and shades, laid on 20mm thick cement mortar 1:4 (1 cement : 4 coarse sand), jointing with grey cement slurry @ 3.3 kg/ sqm including grouting the joints with white cement and matching pigments etc., complete.Size of Tile 600x600 mm. (item code:11.41.2)	11.22	m ²	1260.00	14137.20
13	Providing and laying Vitrified tiles in different sizes (thickness to be specified by manufacturer), with water absorption less than 0.08 % and conforming to I.S. 15622, of approved make, in all colours & shade, in skirting, riser of steps, over 12 mm thick bed of cement mortar 1:3 (1 cement: 3 coarse sand), jointing with grey cement slurry @ 3.3 kg/sqm including grouting the joint with white cement & matching pigments etc. complete.Size of Tile 600x600 mm. (item code:11.46.2)	57.12	m ²	1310.80	74872.90
14	Providing and fixing corrugated FRP sheet roofing including vertical/curve surface fixed with polymer coated J or L hooks, bolts and nuts 8mm diameter with bitumen and Gi limpet washer or with Gi limpet washers filled with white lead of approved make and thickness 5mm as per the instruction of the deptt.	48.00	m ²	1500.00	72000.00
15	Providing and fixing water closet squatting pan (Indian type W.C. pan) with 100 mm sand cast Iron P or S trap, 10 litre low level white P.V.C. flushing cistern, including flush pipe, with manually controlled device (handle lever) conforming to IS : 7231, with all fittings and fixtures complete, including cutting and making good the walls and floors wherever required:White Vitreous china Orissa pattern W.C. pan of size 580x440 mm with integral type foot rests. (item code:17.1.1)	1.00	No	5421.50	5421.50
16	Providing and fixing white vitreous china flat back half stall urinal of size 580x380x350 mm with white	1.00	no	9360.60	9360.60

	PVC automatic flushing cistern, with fittings, standard size C.P. brass flush pipe, spreaders with unions and clamps (all in C.P. brass) with waste fitting as per IS : 2556, C.I. trap with outlet grating and other couplings in C.P. brass, including painting of fittings and cutting and making good the walls and floors wherever required :Single half stall urinal with 5 litre P.V.C. automatic flushing cistern(item code:17.5.1)				
17	Providing and fixing wash basin with C.I. brackets, 15 mm C.P. brass pillar taps, 32 mm C.P. brass waste of standard pattern, including painting of fittings and brackets, cutting and making good the walls wherever require: White Vitreous China Wash basin size 630x450 mm with a single 15 mm C.P. brass pillar tap. (item code:17.7.2)	1.00	no	2751.30	2751.30
18	Providing and fixing white vitreous china pedestal for wash basin completely recessed at the back for the reception of pipes and fittings.(item code:17.8)	1.00	no	1420.15	1420.15
19	Providing and fixing P.V.C. low level flushing cistern with manually controlled device (handle lever) conforming to IS : 7231, with all fittings and fixtures complete.10 litre capacity - coloured. (item code:17.18.2)	1.00	no	971.40	971.40
20	Providing and fixing solid plastic seat with lid for pedestal type W.C. pan complete :White solid plastic seat with lid. (item code:17.20.1)	1.00	no	571.00	571.00
21	Providing and fixing mirror of superior glass (of approved quality) and of required shape and size with plastic moulded frame of approved make and shade with 6 mm thick hard board backing :Rectangular shape 453x357 mm. (item code:17.32.2)	2.00	nos	1120.25	2240.50
22	Providing and fixing soil, waste and vent pipes :100 mm dia Sand cast iron S&S pipe as per IS: 1729. (item code:17.35.1.1)	24.00	M	709.00	17016.00
23	Providing and fixing M.S. holder-bat clamps of approved design to Sand Cast iron/cast iron (spun) pipe embedded in and including cement concrete blocks 10x10x10 cm of 1:2:4 mix (1 cement : 2coarse sand : 4 graded stone aggregate 20 mm nominal size),including cost of cutting holes and making good the walls etc. :For 100 mm dia pipe. (item code:17.37.1)	16.00	Nos	287.45	4599.20
24	Providing and fixing bend of required degree with access door, insertion rubber washer 3 mm thick, bolts and nuts complete.100 mm dia Sand cast iron S&S as per IS - 1729 (item code:17.38.1.1)	4.00	nos	461.65	1846.60
25	Providing and fixing plain bend of required degree.100 mm dia Sand cast iron S&S as per IS - 1729. (item code:17.39.1.1)	4.00	nos	381.35	1525.40
26	Providing and fixing single unequal junction of required degree with access door, insertion rubber washer 3 mm thick, bolts and nuts complete	4.00	nos	796.15	3184.60

	:100x100x75 mm Sand cast iron S&S as per IS - 1729.(item code:17.47.1.1)				
27	Providing and fixing trap of self cleansing design with screwed down or hinged grating with or without vent arm complete, including cost of cutting and making good the walls and floors :100 mm inlet and 100 mm outlet Sand cast iron S&S as per IS: 3989. (item code:17.60.1.1)	4.00	nos	1512.55	6050.20
28	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, i/c fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete as per direction of Engineer in Charge. Concealed work, including cutting chases and making good the walls etc. 15 mm nominal outer dia Pipes. (item code:18.8.1)	8.40	m	409.65	3441.06
29	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, i/c fixing the pipe with clamps at 1.00 m spacing.This includes jointing of pipes & fittings with one step CPVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete as per direction of Engineer in Charge. Concealed work, including cutting chases and making good the walls etc.20 mm nominal outer dia Pipes. (item code:18.8.2)	12.60	m	561.95	7080.57
30	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, i/c fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete as per direction of Engineer in Charge. Concealed work, including cutting chases and making good the walls etc 25 mm nominal outer dia Pipes. (item code:18.8.3)	4.50	m	561.95	2528.78
31	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, i/c fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete as per direction of Engineer in Charge. Concealed work, including cutting chases and making good the walls etc.32 mm nominal outer dia Pipes. (item code:18.8.4)	10.00	m	679.15	6791.50
32	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass	8.00	m	648.60	5188.80

	threaded fittings, including fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and testing of joints complete as per direction of Engineer in Charge.40 mm nominal outer dia Pipes. (item code:18.7.5)				
33	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, including fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and testing of joints complete as per direction of Engineer in Charge.50 mm nominal outer dia Pipes. (item code:18.7.6)	10.00	M	903.50	9035.00
34	Making connection of G.I. distribution branch with G.I. main of following sizes by providing and fixing tee, including cutting and threading the pipe etc. complete :50 to 80 mm nominal bore. (item code:18.13.2)	4.00	Nos	1432.75	5731.00
35	Providing and fixing C.P. brass bib cock of approved quality conforming to IS:8931 :15 mm nominal bore. (item code:18.49.1)	4.00	nos	418.95	1675.80
36	Providing and fixing C.P. brass stop cock (concealed) of standard design and of approved make conforming to IS:8931.15 mm nominal bore. (item code:18.52.1)	4.00	nos	606.25	2425.00
37	Providing and fixing gun metal gate valve with C.I. wheel of approved quality (screwed end) :25 mm nominal bore.(item code:18.17.1)	4.00	nos	497.15	1988.60
38	Providing and fixing gun metal gate valve with C.I. wheel of approved quality (screwed end) :40 mm nominal bore. (item code:18.17.3)	3.00	nos	678.40	2035.20
39	Providing and fixing gun metal gate valve with C.I. wheel of approved quality (screwed end) :50 mm nominal bore. (item code:18.17.4)	6.00	nos	869.20	5215.20
40	Providing and fixing C.P. brass angle valve for basin mixer and geyser points of approved quality conforming to IS:8931 15mm nominal bore. (item code:18.53.1)	4.00	nos	532.10	2128.40
41	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)	2.50	m ³	7473.25	18683.13
42	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 20 mm nominal size). (item code:4.1.3)	14.08	m ³	6788.60	95583.49
43	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	176.00	M2	398.35	70109.60

	steps etc. complete.40 mm thick with 20 mm nominal size stone aggregate. (item code:11.3.1)				
44	Providing and fixing 3 layer PP-R (Poly propylene Random copolymer) pipes conforming to IS:15801 UV stabilized & anti - microbial fusion welded, having thermal stability for hot & coldwater supply, including all PP - R plain & brass threaded polypropylene random fittings, including trenching, refilling & testing of joints complete as per direction of Engineer-in-Charge.PN - 10 Pipe, 75 mm OD (SDR-11). (item code:18.6.7)	24.00	M	843.90	20253.60
45	Providing and fixing PPR Unions PPR Union 75mm. (item code:18.6A.7)	4.00	nos	1443.90	5775.60
46	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, including fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and testing of joints complete as per direction of Engineer in Charge.Internal work - Exposed on wall 50 mm nominal outer dia Pipes. (item code:18.7.6)	66.00	m	903.50	59631.00
47	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, including fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and testing of joints complete as per direction of Engineer in Charge.20 mm nominal outer dia Pipes. (item code:18.7.2)	40.00	m	306.95	12278.00
48.	Providing and fixing CP stopcock of approved quality (Plaza or equivalent make) 20mm dia.	40.00	nos	652.90	26116.00
49.	Providing and fixing gun metal gate valve with C.I. wheel of approved quality (screwed end) :50 mm nominal bore (item code:18.17.4)	6.00	nos	869.20	5215.20
50.	Providing and fixing G.I. Union in G.I. pipe including cutting and threading the pipe and making long screws etc. complete (New work) :50 mm nominal bore.(item code:18.46.6)	10.00	nos	598.10	5981.00
51	Providing and fixing gun metal gate valve with C.I. wheel of approved quality (screwed end) :40 mm nominal bore. (item code:18.17.3)	6.00	nos	678.40	4070.40
52	Providing and fixing gun metal gate valve with C.I. wheel of approved quality (screwed end) :32 mm nominal bore.. (item code:18.17.2)	5.00	nos	581.25	2906.25
53	Providing and placing (at all floor level) polythene water storage tank(Syntax 2000 ltrs.)	1.00	nos	20000.00	20000.00
54	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, including fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and testing of joints complete as per direction of	32.00	m	648.60	20755.20

	Engineer in Charge.40 mm nominal outer dia Pipes. (item code:18.7.5)				
55	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, including fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and testing of joints complete as per direction of Engineer in Charge.25 mm nominal outer dia Pipes.(item code:18.7.3)	104.00	m	369.20	38396.80
56	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, i/c fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete as per direction of Engineer in Charge. Concealed work, including cutting chases and making good the walls etc.15 mm nominal outer dia Pipes. (item code:18.8.1)	100.00	M	409.65	40965.00
57	Providing and fixing end cap to 15mm dia. uPVC pipe of approved make.	100.00	nos.	20.00	2000.00
58	Providing and fixing 40mm dia uPVC tee.	10.00	nos.	373.00	3730.00
59	Providing and fixing 40mm dia GI union	8.00	nos.	503.00	4024.00
60	Providing and fixing 40mm dia uPVC MTA	10.00	nos.	892.00	8920.00
61	Providing and fixing 25mm-15mm reduced tee of uPVC made.	50.00	nos.	188.00	9400.00
62	Providing and fixing 25mm dia uPVC tee (brass threaded) as per the instruction.	8.00	nos.	108.00	864.00
63	Providing and fitting 25mm dia FTA as per the instruction of the deptt.	6.00	nos.	402.00	2412.00
64	Providing and fixing gunmetal control valve with CI wheel.	4.00	nos.	497.15	1988.60
65	Providing and fixing 2HP blower of reputed make (Crompton, Kirloskar, Havells) etc. as per the instruction of the deptt.	4.00	Nos	15000.00	60000.00
66	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 @ 2.20 kg/10 sqm) (item code:13.47.1)	1544.80	m ²	161.15	248944.52
67	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)	1085.78	m ²	142.20	154397.92
68	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)	453.00	m ²	121.55	55062.15
69	Finishing with Epoxy paint (two or more coats) at all locations prepared and applied as per	382.43	m ²	189.40	72432.24

	manufacturer's specifications including appropriate priming coat, preparation of surface, etc. complete. On concrete work (item code:13.52.2)				
70	Painting G.I. pipes and fittings with synthetic enamel white paint with two coats over a ready mixed priming coat, both of approved quality for new work :50 mm diameter pipe.(item code:18.38.6)	326.00	m	39.80	12974.80
71	Providing and fixing stainless steel (Grade 304) folded gate (two point folded) made up of hollow tubes, channels, plates etc. including welding, grinding, buffings, polishing and fitting the same with stainless steel nuts and bolts complete as per the instruction. Peripheral and middle section will be of 40mm dia steel pipes and panelling part will be of 20mm dia steel pipes as per the design with locking arrangement.	58.80	Kg	575.45	33836.46
72	Minor repairing to the existing rolling shutter with spring replacement locking system greasing etc. to bring these to operation position.	4.00	Nos	5000.00	20000.00
73	Supplying and fixing of 1200mm, 75W ceiling fan with high star rating as per instruction of engineer.	4.00	nos	3000.00	12000.00
74	Supplying and fixing of 20W LED batten as per instruction of engineer.	7.00	nos	250.00	1750.00
75	Supplying and fixing of 45W LED street light including bracket and necessary clamp as per instruction of engineer.	2.00	nos	3000.00	6000.00
76	Supplying and fixing of 3HP DOL starter of 15AMP range contractor ,overload relay -6 AMP to 10 AMP as per the instruction of Engineer.	1.00	nos	3600.00	3600.00
77	PP CYLINDER TYPE RAS TANK (Double layer conicalshape bottom Height 3 feet dia 3 feet tank wall thickness 5mm bottom thickness 6mm 50mm drain valve 32mm intake water line. Water capacity 500 liter Slope 10cm)	20.00	nos	18200.00	364000.00
78	PP CYLINDER TYPE RAS TANK (Double layer conical shape bottom Height 2 feet Width 2.5feet Tank wall thickness 5mm Bottom thickness 8mm 32mm drain valve 32mm intake waterline valve Water capacity 250 liter)	20.00	nos	13480.00	269600.00
79	Packing and Forwarding charges	1.00	no	70800.00	70800.00
				Total	Rs.2491545.72
				Say	Rs.2491546.00

(Rupees twenty-four lakhs ninety-one thousand five hundred and forty-six only)

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