

# भा.कृ.अनु.प - केन्द्रीय मीठाजल जीव पालन अनुसंधान संस्थान ।. C.A.R. -Central Institute of Freshwater Aquaculture



Date: 30.01.2024

# कौशल्यागंग, भुवनेश्वर-751002, ओड़ीशा / Kausalyaganga, Bhubaneswar-751002, Odisha

### OPEN TENDER ENQUIRY THROUGH E-PROCUREMENT

Tender ID 2024\_DARE\_792756\_1

F. No. ICAR-CIFA/Works/Capital/2023-24/

Sub: Tender for Civil Work for: "Making of Bore well for Institute with pipe line." 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//Capital/2023-24/
Description of work	Tender for Civil Work for: "Making of Bore well for Institute with pipe line" at ICAR-CIFA, Kausalyaganga
Type of Tender	Two Bid System
Date of release of Tender through e-procurement portal	30.01.2024 :: 04:30 PM
Bid submission start date online	30.01.2024 :: 04:30 PM
Last date and time of Receipt of EMD at ICAR-CIFA, BBSR	09.02.2024 :: 05:00 PM
Last Date & time for submission of online bid	09.01.2024 :: 03:00 PM
Date & time for opening of technical bid	10.01.2024 :: 03:00 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.24,611/- (Rupees Twenty-four thousand six hundred and eleven 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 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.	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 of Bore well pipe line work /water supply channel etc.	Pdf	

NOTE: Only those firms that qualify the technical bid will be considered for opening the financial bid.

# **Detail of the firm/contractor**

		_Mob.No:	
(b) FAX No:	Email I	D:	
Particulars of firm/compa deed/ Constitution in case			
PAN No:			
GST No		_	
Name & address of Bank			
FSC Code No		count No	

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, 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. <u>Deadline for Submission of Bids – Online Only.</u>

- 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

- 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.

- 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 favor 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 <a href="http://eprocure.gov.in.">http://eprocure.gov.in.</a>, 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:
То
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, Br ICAR-CIFA, Kausalyaganga, Bhuaneswar-751002 (He etc. on the first part and		which items shall include address of the	
items shall include its authorized representatives, succe	essor, assignees, etc., on	the other part.	,
The Contractor/Agency will perform the said and accuracy in a workman like manner to the best sati will complete the same in accordance with the said spector The ICAR-CIFA will pay or cause to be paid to the commount due in respect thereof at the rate specified in the damage or losses to the property of ICAR-CIFA is common (Natural Calamity), or warlike operations the same will	sfaction of the Director, cification and terms and ontractor for the said wor e schedule hereto refered aused by contractor, bu	ICAR-CIFA, Kausalyaga: conditions laid down in the rks on final completion of dr. If during the performant not occurring by or aris	nga, Bhubaneswar-2 and e above said work order. If the work(s) thereof and ace of the work any theft,
In case the firm fails to perform any of the term the Director, ICAR-CIFA, Kausalyaganga, Bhubanesvany reason thereof.			
In case of any loss or damage to the property of the attributable to the firm, the full damages will be recove. The firm shall not transfer its right of work or sub-contraction.	ered from the firm.	Kausalyaganga, Bhuban	eswar751 002, which is
The firm or its workers shall not misuse the p In case any accident/loss of life of the workers occurs deborne by the firm.			
The firm shall provide a coordinator for in Bhubaneswar -751 002.	immediate interaction v	with the Director, ICAR	-CIFA, Kausalyaganga,
The terms and conditions as stipulated in the tende	er documents shall be par	rt of this agreement.	
		Sign	nature of contractor/Firm
Signature of witnesses with address			

For and behalf of ICAR

1. 2.

# TENDURE SCHEDULE:

# Work Details: " Making of Bore well for Institute with pipe line at ICAR-CIFA, Kausalyaganga.

Sl. No	Description of items	Qty.	Unit	Rate	Amount
1	Boring/drilling bore well of required dia for casing/ strainer pipe, by suitable method prescribed in IS: 2800 (part I), including collecting samples from different strata, preparing and submitting strata chart/ bore log, including hire & running charges of all equipments, tools, plants & machineries required for the job, all complete as per direction of Engineer-in-charge, upto 90 metre depth below ground level.All types of soil 350 mm dia. (item code:23.1.1.2)	70.00	m	717.20	50204.00
2	Supplying, assembling, lowering and fixing in vertical position in bore well, unplasticized PVC medium well casing (CM) pipe of required dia, conforming to IS: 12818, including required hire and labour charges, fittings & accessories etc. all complete, for all depths, as per direction of Engineer -in-charge.200 mm nominal size dia. (item code:23.3.3)	50.00	m	1066.05	53302.50
3	Supplying, assembling, lowering and fixing in vertical position in bore well unplasticized PVC medium well screen (RMS) pipes with ribs, conforming to IS: 12818, including hire & labour charges, fittings & accessories etc. all complete, for all depths, as per direction of Engineer-in-charge.200 mm nominal size dia. (item code:23.4.3)	20.00	m	1135.80	22716.00
4	Supplying, filling, spreading & leveling stone boulders of size range 5 cm to 20 cm, in recharge pit, in the required thickness, for all leads & lifts, all complete as per direction of Engineer-in-charge.(item code:23.5)	4.55	m3	1326.55	6035.80
5	Supplying, filling, spreading & leveling coarse sand of size range 1.5 mm to 2 mm in recharge pit, in required thickness over gravel layer, for all leads & lifts, all complete as per direction of Engineer -incharge.(item code:23.7)	4.55	m3	1326.55	6035.80
6	Development of tube well in accordance with IS: 2800 (part I) and IS: 11189, to establish maximum rate of usable water yield without sand content (beyond permissible limit), with required capacity air compressor, running the compressor for required time till well is fully developed, measuring yield of well by "V" notch method or any other approved method, measuring static level & draw down etc. by step draw down method, collecting water samples & getting tested in approved laboratory, i/c disinfection of tubewell, all complete, including hire & labour charges of air compressor, tools & accessories etc., all as per requirement and direction of Engineer-in-charge. (item code:23.12)	6.00	hrs	857.60	5145.60
7	Providing and fixing suitable size threaded mild steel cap or spot welded plate to the top of bore well housing/ casing pipe, removable as per requirement, all complete for borewell of:200 mm dia.(item code:23.13.3)	1.00	no	280.95	280.95

top of casing/housing pipe of tubewell as per IS: 2800 (part I), including necessary bolts & nuts of required size complete.200 mm clamp. (item code:23.14.3)  9 Providing and fixing Bail plug/ Bottom plug of required dia to the bottom of pipe assembly of tubewell as per IS: 2800 (part I), 200 mm dia. (item code:23.15.3)  10 Providing and fixing of SHP sumbersible of pump of spanning providing and fixing of SHP sumbersible of pump of approved brand (Crompton, Kirloskar/Havells etc.)  11 Supplying and laying of PVC sheathed XIPE power cable 1.1 kV grade 3.5 core 35 mm2 armourde cable in ground including earth excavation, sand cushioning, protective cover and refilling.  12 Providing and fixing of electrical panel board size 600mm x 600mm with 900mm height stand made up of 50 x 50 x 6mm angle, with 63A insulator, starter, indicator and painted with high gloss enamel paint.  13 Supplying and fixin of 3 core 4 sqmm submersible flatcable as per the requirement of institute.  14 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-75 mm nominal inner dia Pipes. (item code:18.9.8)  15 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-75 mm nominal inner dia Pipes. (item code:18.9.7)  16 Providing and fixing of 80mm dia UPVC et piece of reputed 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-2.50 mm nominal inner dia Pipes. (item code	8	Providing and fixing M.S. clamp of required dia to the	1.00	no	1691.15	1691.15
(part I), including necessary bolts & nuts of required size complete. 200 mm clamp. (item code: 23.14.3)  9 Providing and fixing Bail plug/ Bottom plug of required dia to the bottom of pipe assembly of tubewell as per IS:2800 (part I). 200 mm dia. (item code: 23.15.3)  10 Providing and fixing of 5HP sumbersible of pump of approved brand (Crompton, Kirloskar/Havells etc.)  11 Supplying and laying of PVC sheathed XIPE power cable 1.1 KV grade 3.5 core 35 mm2 armoured cable in ground including earth excavation, sand cushioning, protective cover and refilling.  12 Providing and fixing of electrical panel board size 600mm x 600mm with 900mm height stand made up of 50 x 50 x 6mm angle, with 63A insulator, starter, indicator and painted with high gloss enamel paint.  13 Supplying and fixing of ore 4 sqmm submersible flatable as per the requirement of institute.  14 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.75 mm nominal inner dia Pipes. (Item 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:18.9.8)  15 Providing and fixing of 80mm dia UPVC cut piece of engueted make ISI marked.  16 Providing and fixing of 80mm dia UPVC cut piece of reputed make ISI marked.  17 Providing and fixing of 80mm dia UPVC control valve reputed make ISI marked.  18 Providing and fixing of 80mm dia UPVC control valve reputed make ISI marked.  20 Providing and fixing of 80mm dia UPVC socket of reputed fixing and fixing of 80mm dia UPVC socket of reputed make ISI marked.					2001.10	200 1.10
complete_200 mm clamp. (item code:23.14.3)						
Providing and fixing Bail plug/ Bottom plug of required dia to the bottom of pipe assembly of tubewell as per IS:2800 (part I):200 mm dia. (Item code:23.15.3)						
dia to the bottom of pipe assembly of tubewell as per IS:2800 (part I):200 mm dia. (item code:23.15.3)  10 Providing and fixing of SHP sumbersible of pump of approved brand (Crompton, Kirloskar/Havells etc.)  11 Supplying anall applying and PVS sheathed XIPE power cable 1.1 KV grade 3.5 core 35 mm2 armoured cable in ground including earth excavation, sand cushioning, protective cover and refilling.  12 Providing and fixing of electrical panel board size 600mm xinculuding earth excavation, sand cushioning, protective cover and refilling.  13 Providing and fixing of electrical panel board size 600mm xinculuding earth excavation, sand cushioning, protective cover and refilling.  13 Supplying and fixing of electrical panel board size 600mm xinculuding earth excavation, sand explained with high gloss enamel paint.  13 Supplying and fixing of south stand made up of 50 x 50 x 6mm angle, with 63A insulator, starter, indicator and painted with high gloss enamel paint.  14 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.75 mm nominal inner dia Pipes. (Item code:18.9.9)  15 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)  16 Providing and fixing of 80mm dia UPVC cut piece of reputed make ISI marked.  17 Providing and fixing of 80mm dia UPVC cut piece of reputed make ISI marked.  18 Providing and fixing of 80mm dia UPVC control valve reputed make ISI marked.  19 Providing and fixing of 80mm dia UPVC cont	9		1.00	no	307.75	307.75
IS:2800 (part I).200 mm dia. (Item code:23.15.3)			1.00	1.0	307.73	307.73
Providing and fixing of SHP sumbersible of pump of 1.00   no 47500.00   47500.00   approved brand (Crompton, Kirloskar/Havells etc.)   11   Supplying and laying of PVC sheathed XLPE power cable 1.1 kV grade 3.5 core 35 mm2 armoured cable in ground including earth excavation, sand cushioning, protective cover and refilling.   12   Providing and fixing of electrical panel board size 600mm						
approved brand (Crompton, Kirloskar/Havells etc.)  11 Supplying and laying of PVC sheathed XIPE power cable 1.1 KV grade 3.5 core 35 mm2 armoured cable in ground including earth excavation, sand cushioning, protective cover and refilling.  12 Providing and fixing of electrical panel board size 600mm x 600mm with 900mm height stand made up of 50 x 50 x 6mm angle, with 634 insulator, starter, indicator and painted with high gloss enamel paint.  13 Supplying and fixin of 3 core 4 sqmm submersible flatcable as per the requirement of institute.  14 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.75 mm nominal inner dia Pipes. (Item code:18.9.8)  15 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.75 mm nominal inner dia Pipes. (Item code:18.9.8)  15 Providing and fixing 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)  16 Providing and fixing of 80mm dia UPVC tee of reputed make ISI marked.  17 Providing and fixing of 80mm dia UPVC cut piece of providing and fixing of 80mm dia UPVC control valve make ISI marked.  18 Providing and fixing of 80mm dia UPVC control valve reputed dia make ISI marked.  20 Providing and fixing of 80mm dia UPVC control valve reputed make ISI marked.  21 Providing and fixing of 80mm dia UPVC control valve reputed make ISI marked.  22 Providing and fixing of 80mm dia UPVC control v	10		1.00	no	47500.00	47500.00
Supplying and laying of PVC sheathed XLPE power cable   10.00   m   423.00   4230.00   1.1 KV grade 3.5 core 35 mm2 armoured cable in ground including earth excavation, sand cushioning, protective cover and refilling.   10.00   set   13500.00   13500.00   x 600mm with 900mm   height stand made up of 50 x 50 x 6mm angle, with 63A insulator, starter, indicator and painted with high gloss enamel paint.   1.00   set   13500.00   33000.00   supplying and fixin of 3 core 4 sgmm submersible flatcable as per the requirement of Institute.   14   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.75 mm nominal inner dia Pipes. (item code:18.9.8)   15   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.75 mm nominal inner dia Pipes. (item code:18.9.8)   15   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)   16   Providing and fixing of 80mm dia UPVC cut piece of reputed make ISI marked.   16.00 nos   1750.00   2938.00   1750.00   2938.00   1750.00   2938.00   1750.00   2938.00   1750.00   2700.00   2700.00   2700.00   2700.00   2700.00   2700.00   2700.00   2700.00   2700.00   2700.00   2700.00   2700.00   2700.00   2700.0	10		1.00	110	47300.00	47300.00
1.1 KV grade 3.5 core 35 mm2 armoured cable in ground including earth excavation, sand cushioning, protective cover and refilling.	11		10.00	m	422.00	4220.00
including earth excavation, sand cushioning, protective cover and refilling.  12 Providing and fixing of electrical panel board size 600mm x 600mm with 900mm height stand made up of 50 x 50 x 60mm angle, with 63A insulator, starter, indicator and painted with high gloss enamel paint.  13 Supplying and fixin of 3 core 4 sqmm submersible flatcable as per the requirement of institute.  14 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.75 mm nominal inner dia Pipes. (item code:18.9.8)  15 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.75 mm nominal inner dia Pipes. (item code:18.9.8)  15 Providing and fixing of 80mm dia UPVC report of reputed 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)  16 Providing and fixing of 80mm dia UPVC report of reputed fittings and fixing of 80mm dia UPVC report of reputed make ISI marked.  17 Providing and fixing of 80mm dia UPVC elbow of reputed fit marked.  18 Providing and fixing of 80mm dia UPVC elbow of reputed make ISI marked.  19 Providing and fixing of 80mm dia UPVC control valve reputed ISI marked heavy duty.  20 Providing and fixing 80mm dia UPVC union of reputed fitous fixing 80mm dia uPVC union	11		10.00	""	423.00	4230.00
12   Providing and fixing of electrical panel board size 600mm   1.00   set   13500.00   13500.00   x 600mm with 900mm height stand made up of 50 x 50 x 6mm angle, with 63A insulator, starter, indicator and painted with high gloss enamel paint.   13   Supplying and fixin of 3 core 4 sqmm submersible   220.00   m   150.00   33000.00   flatcable as per the requirement of Institute.   14   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.75 mm nominal inner dia Pipes. (item code:18.9.8)   15   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.75 mm nominal inner dia Pipes. (item code:18.9.8)   16   Providing and fixing of 80mm dia UPVC tee of reputed make Isl marked.   17   Providing and fixing of 80mm dia UPVC cut piece of reputed make Isl marked.   18   Providing and fixing of 80mm dia UPVC clubow of reputed make Isl marked.   19   Providing and fixing of 80mm dia UPVC clubow of reputed make Isl marked.   19   Providing and fixing of 80mm dia UPVC control valve reputed Isl marked heavy duty.   20   Providing and fixing of 80mm dia UPVC control valve reputed Isl marked heavy duty.   20   Providing and fixing of 80mm dia UPVC union of reputed   6.00   nos   226.00   3616.00   reputed Isl marked.   21   Providing and fixing of 80mm dia UPVC union of reputed   6.00   nos   226.00   2700.00   2700.00   2700.00   2700.00   2700.00   2700.00   2700.00   2700.00   2700.00   2700.00   2700.00   2700.00   2700.00   2700.00   2700.00   2700.00   2700.00   2						
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S0 x 6mm angle, with 63A insulator, starter, indicator and painted with high gloss enamel paint.	12	·	1.00	sei	13500.00	13500.00
and painted with high gloss enamel paint.  13 Supplying and fixin of 3 core 4 sqmm submersible flatcable as per the requirement of Institute.  14 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 & testing of joints complete as per direction of Engineer in Charge.75 mm nominal inner dia Pipes. (item code:18.9.8)  15 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)  16 Providing and fixing of 80mm dia UPVC Tee of reputed nake ISI marked.  17 Providing and fixing of 80mm dia UPVC cut piece of reputed make ISI marked.  18 Providing and fixing of 80mm dia UPVC celbow of reputed nake ISI marked.  19 Providing and fixing of 80mm dia UPVC control valve reputed make ISI marked.  19 Providing and fixing of 80mm dia UPVC control valve reputed ISI marked heavy duty.  20 Providing and fixing of 80mm dia UPVC socket of reputed make ISI marked.  21 Providing and fixing of 80mm dia UPVC union of reputed nake ISI marked.						
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reputed make ISI marked.  18 Providing and fixing of 80mm dia UPVC elbow of reputed make ISI marked.  19 Providing and fixing of 80mm dia UPVC control valve reputed ISI marked heavy duty.  20 Providing and fixing of 80mm dia UPVC socket of reputed make ISI marked.  21 Providing and fixing 80mm dia uPVC union of reputed make ISI marked.  22 Providing and fixing 80mm dia uPVC union of reputed make ISI marked.	17		20.00			2025.55
18   Providing and fixing of 80mm dia UPVC elbow of reputed make ISI marked.   16.00   nos   257.40   4118.40     19   Providing and fixing of 80mm dia UPVC control valve reputed ISI marked heavy duty.   12.00   nos   1750.00   21000.00     20   Providing and fixing of 80mm dia UPVC socket of reputed make ISI marked.   16.00   nos   226.00   3616.00     21   Providing and fixing 80mm dia uPVC union of reputed   6.00   nos   450.00   2700.00     make ISI marked.	17/		20.00	nos	146.90	2938.00
make ISI marked.       19     Providing and fixing of 80mm dia UPVC control valve reputed ISI marked heavy duty.     12.00     nos     1750.00     21000.00       20     Providing and fixing of 80mm dia UPVC socket of reputed make ISI marked.     16.00     nos     226.00     3616.00       21     Providing and fixing 80mm dia uPVC union of reputed make ISI marked.     6.00     nos     450.00     2700.00	10					
19     Providing and fixing of 80mm dia UPVC control valve reputed ISI marked heavy duty.     12.00     nos     1750.00     21000.00       20     Providing and fixing of 80mm dia UPVC socket of reputed make ISI marked.     16.00     nos     226.00     3616.00       21     Providing and fixing 80mm dia uPVC union of reputed make ISI marked.     6.00     nos     450.00     2700.00	18		16.00	nos	257.40	4118.40
reputed ISI marked heavy duty.  20 Providing and fixing of 80mm dia UPVC socket of reputed make ISI marked.  21 Providing and fixing 80mm dia uPVC union of reputed 6.00 nos 450.00 2700.00 make ISI marked.						
20     Providing and fixing of 80mm dia UPVC socket of reputed make ISI marked.     16.00     nos     226.00     3616.00       21     Providing and fixing 80mm dia uPVC union of reputed make ISI marked.     6.00     nos     450.00     2700.00	19	5	12.00	nos	1750.00	21000.00
reputed make ISI marked.  21 Providing and fixing 80mm dia uPVC union of reputed 6.00 nos 450.00 2700.00 make ISI marked.						
21 Providing and fixing 80mm dia uPVC union of reputed 6.00 nos 450.00 2700.00 make ISI marked.	20		16.00	nos	226.00	3616.00
make ISI marked.		· · · · · · · · · · · · · · · · · · ·				
	21	Providing and fixing 80mm dia uPVC union of reputed	6.00	nos	450.00	2700.00
T		make ISI marked.				
					Total	492228.16
Say 492228.00					Sav	492228.00

(Rupees Four lakhs ninety-two thousand two hundred and twenty-eight only)

Name &	& Signature of	the Agency:
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