

KERALA INDUSTRIAL INFRASTRUCTURE DEVELOPMENT CORPORATION(KINFRA)
(A statutory body of Govt of Kerala)

KINFRA HOUSE, TC 31/2312, Sasthamangalam, Thiruvananthapuram -695 010
Tel: 0471-2726585| **Fax:** 0471-2724773 | **Email:** kinfraannexe@gmail.com | **Web:** www.kinfra.org



Notice Inviting Tender (NIT)

(KINFRA - 6)

Tender No : KINFRA/NLD/04/2023-24

Name of Work : **Supply, Installation, Testing and Commissioning of electro-mechanical items for CETP at KINFRA Small Industries Park at Nellad**

PAC : **Rs. 24,00,882/-**

EMD : **Rs. 50,000/-**

Period of Completion : **1 Month**

Bid Submission Fee : **Rs.2950/- including GST**



KERALA INDUSTRIAL INFRASTRUCTURE DEVELOPMENT CORPORATION
(A Statutory Body of Govt. of Kerala)

KINFRA HOUSE, TC NO.31/2312, SASTHAMANGALAM P.O,
THIRUVANANTHAPURAM

Tender No : **KINFRA/NLD/ 04 /2023-24**

Name of Work : **Supply, Installation, Testing and Commissioning of electro-mechanical items for CETP at KINFRA Small Industries Park at Nellad**

Locality : KINFRA Small Industries Park,
Nellad. Pin: 686 669,

Last date of Submission : 27/06/2023 at 5:00 PM


Name of Bidder :

Address of Bidder :
.....
.....

INDEX

SI No	Details	Pages
1.	Tender Notice	4
2.	Notice Inviting Tender (NIT)	5-23

Tender Notice

 KERALA INDUSTRIAL INFRASTRUCTURE DEVELOPMENT CORPORATION (KINFRA), Thiruvananthapuram, Kerala			
<u>e-Tender</u>			
KINFRA invites item rate, online tenders from registered, competent, experienced and technically & financially sound contractors/firms for the following work:			
Supply, Installation, Testing and Commissioning of electro-mechanical items for CETP at KINFRA Small Industries Park at Nellad			
PAC	Bid fee	EMD	Last Date
Rs. 24,00,882/-	Rs. 2950/- (Including 18% GST)	Rs.50,000/-	27/06/2023 at 5:00 PM
The tender document(s), can be downloaded from the e-Government Procurement (e- GP) website (www.etenders.kerala.gov.in) For more details visit the web site www.kinfra.org			
Place: Thiruvananthapuram Date: 15/06/2023		Sd/- Managing Director	

GENERAL GUIDELINES

1. The book of “General Conditions of Contract” is applicable to both types of tenders i.e. “Percentage rate tenders and Item rate tenders”. Accordingly, alternative provisions for conditions Nos. 4, 10 & 12 of the General Rules and Directions are given in this book. The appropriate alternatives will be applicable in specific cases depending on whether this is used for percentage rate tender (KINFRA-7) or item rate tender (KINFRA- 8). “General Conditions of Contract” shall be available in downloadable manner from website “www.kinfra.org”
2. KINFRA-6 abridged from KINFRA-7/8, Schedules A to F, special conditions/specifications and drawings will be issued to intending tenderer only. The standard form will not be issued along with the Tender Documents but the same shall form part of the agreement to be drawn and signed by both parties after acceptance of tender. The standard form shall be available in downloadable manner from website “www.kinfra.org”
3. The intending bidders will quote their rates in Schedule A ie. Schedule of Quantities.
4. The proforma for registers and Schedules A to F are only for information and guidance. These are not to be filled in the Standard Form. The Schedules with all blanks, duly filled, shall be separately issued to all intending tenderers. For filling and returning in the manner prescribed. The **Schedule A** can be downloaded from website www.etenders.kerala.gov.in

Notice Inviting Tender

Managing Director, KINFRA invites **Item rate online** tenders in **Two cover bid system** for the following work in the prescribed form, from competent and eligible contractors / firms for the work of “**Supply, Installation, Testing and Commissioning of electro-mechanical items for CETP at KINFRA Small Industries Park at Nellad**”, who has to fulfil the experience and eligibility criteria prescribed hereunder.

NIT No	Name of work & Location	Estimated cost put to bid	EMD	Period of completion	Last date of submission of Tender document	Time & Date of opening of Technical bid	Bid Submission Fee
1	2	3	4	5	6	7	8
KINFRA/NLD/04/2023-24	Supply, Installation, Testing and Commissioning of electromechanical items for CETP at KINFRA Small Industries Park at Nellad	24,00,882	50,000/	1 month	27/06/2023 at 5:00 PM	30/06/2023 at 10.30 AM	2950/- (including GST)

1. Eligibility Criteria:

Contractors who fulfil the following requirements shall be eligible to apply.

- a. Bidder should have GST registration.
 - b. Bidder should have experienced in similar works in CETP / WTP / ETP.
2. The time allowed for carrying out the work will be 30 Days from the date of start or from the first date of handing over of the site, whichever is later, in accordance with the phasing, if any, indicated in the bid documents.
 3. The site for the work is available.
 4. The intending bidder must read the terms and conditions of **KINFRA-6** carefully. He should only submit his bid if he considers himself eligible and he is in possession of all the documents required.
 5. Information and Instructions for bidders posted on website shall form part of biddocument.
 6. The tender document(s), may be downloaded free of cost from the e-Government Procurement (e-GP) website (www.etenders.kerala.gov.in). No payment is required for downloading the tender documents from the above website however a bid submission fee, as mentioned below in this document, is required to be remitted through online payment mechanism for e-procurement system of Govt. of Kerala. Only those bidders having a valid and active registration, on the date of bid submission, shall submit bids online on the e-GP website.

7. All bids shall be submitted online on the e-GP website only in the relevant envelope(s)/ cover(s), as per the type of tender. No manual submission of bids shall be entertained for the tenders published through e-GP system under any circumstances.
8. The e-GP system shall not allow submission of bids online after the stipulated date & time. The bidder is advised to submit the bids well before the stipulated date & time to avoid any kind of network issues, traffic congestion, etc. In this regard, KINFRA shall not be responsible for any kind of such issues faced by bidder.
9. Ineligible bidder or bidders who do not possess valid & active registration, on the date of bid submission, are strictly advised to refrain themselves from participating in this tender. If such instances are noticed, the same shall be treated as “fake bidding” by the respective bidder and such bidder shall be blacklisted as per KINFRA rules in force. The bidders, who submit their bids for this tender after digitally signing using their Digital Signature Certificate (DSC), accept that they have clearly understood and agreed the terms and conditions including the Form/ Annexures of this tender. Mention of price details at any place other than the designated place, shall disqualify the bid and the bid shall be summarily rejected.
10. Tender duly signed using bidder’s valid Digital Signature Certificate shall be submitted online on e-GP website www.etenders.kerala.gov.in.
11. General Conditions of Contract (KINFRA- 7/8) shall be available in downloadable manner from www.kinfra.org and shall form part of bid document.
12. The Technical bid shall be opened first on due date and time as mentioned above. The time and date of opening of financial bid of contractors qualifying the technical bid shall be communicated to them at a later date.
13. To clear the doubt of intending bidders, if any, **the bidders can** send all their queries, if any, in the email id nld.ksip@gmail.com / dileep@kinfra.org on or **before 26/06/2023, 5.00 pm**, (**Contact Person: Mr. Dileep V Paul, Manager in charge, Phone – 9847298793**). All clarifications for the queries of bidders, if any, will be uploaded in e-tender website as addendum if required.
14. Earnest Money Deposit (EMD) amounting to **Rs 50,000/-** (Rupees Fifty Thousand Only) to be remitted online through e-GP site by the bidder
15. The bid submitted is treated as invalid if the bidder does not submit all the documents (as stipulated in the bid document).
16. The description of the work is as follows: Intending Bidders are advised to inspect and examine the site and its surroundings and satisfy themselves before submitting their bids as to the form and nature of the site, the means of access to the site, the accommodation they may require and in general shall themselves obtain all necessary information as to risks, contingencies and other circumstances which may influence or affect their bid. A bidder shall be deemed to have full knowledge of the site whether he inspects it or not and no extra charge consequent on any misunderstanding or otherwise shall be allowed. The bidders shall be responsible for arranging and maintaining at his own cost all materials, tools & plants, water, electricity access, facilities for workers and all other services required for executing the work unless otherwise specifically

provided for in the contract documents. Submission of a bid by a bidder implies that he has read this notice and all other contract documents and has made himself aware of the scope and specifications of the work to be done and of conditions and rates at which stores, tools and plant, etc. will be issued to him by KINFRA and local conditions and other factors having a bearing on the execution of the work.

- 17.** The competent authority on behalf of Managing Director, KINFRA does not bind itself to accept the lowest or any other bid and reserves to itself the authority to reject any or all the bids received without the assignment of any reason. All bids in which any of the prescribed condition is not fulfilled or any condition including that of conditional rebate is put forth by the bidders shall be summarily rejected.
- 18.** Canvassing whether directly or indirectly, in connection with bidders is strictly prohibited and the bids submitted by the contractors who resort to canvassing will be liable for rejection.
- 19.** The competent authority on behalf of Managing Director, KINFRA reserves to himself the right of accepting the whole or any part of the bid and the bidders shall be bound to perform the same at the rate quoted.
- 20.** The contractor shall not be permitted to bid for works if he/she is the near relative of an officer of KINFRA
- 21.** No Engineer of Gazetted Rank or other Gazetted Officer employed in Engineering or Administrative duties in an Engineering Department of the Government of Kerala is allowed to work as a contractor for a period of one year after his retirement from Government service, without the prior permission of the Government of Kerala in writing. This contract is liable to be cancelled if either the contractor or any of his employees is found any time to be such a person who had not obtained the permission of the Government of Kerala as aforesaid before submission of the bid or engagement in the contractor's service.
- 22.** The bid for the works shall remain open for acceptance for a period of 120 days from the date of opening of bids. If any bidder withdraws his bid before the said period or issue of work order, whichever is earlier, or makes any modifications in the terms and conditions of the bid which are not acceptable to KINFRA, then KINFRA shall, without prejudice to any other right or remedy, be at liberty to forfeit 50% of the said earnest money as aforesaid. Further the bidders shall not be allowed to participate in the rebidding process of the work.
- 23.** This notice inviting Bid shall form a part of the contract document. The successful bidders / contractor, on acceptance of his bid by the Accepting Authority shall within 15 days from the stipulated date of start of the work, sign the contract consisting of the Notice Inviting Bid, all the documents including additional conditions, specifications and drawings, if any, form part of the bid and the rates quoted at the time of submission of bid and acceptance thereof together with any correspondence leading thereto.
- 24.** The orders or circulars issued on technical and financial matters by the Government shall stand automatically incorporated in the tender document issued subsequent to such circulars/orders.
- 25.** Before commencing the work and within a week from the date of receipt of the letter of acceptance, the bidder shall make the following.

- Performance Guarantee
 - Contractor shall execute an Agreement for the work in required non-judicial stamp paper.
- a) **Performance Guarantee** the amount collected at the time of executing contract agreement, will be 5% of the contract value (agreed PAC) and the deposit will be retained till the expiry of Defect Liability Period. At least 50% of this deposit shall be collected in the form of Treasury Fixed Deposit and the rest in the form of Bank Guarantee. The validity of BG shall be upto 3 months after defects liability period mentioned in Schedule F.
- b) **Additional Performance Guarantee** will be required in all cases where quoted rate falls below 10% of the estimate cost. The 10% standard exemption will be applicable to all estimates quoted below estimate cost. If the rate quoted by the contractor is x% below estimate cost (x lies above 10% upto quoted rate) the additional performance guarantee for an amount equal to (x-10)% of the estimate amount shall be obtained from the contractor. This is subjected to change as per government orders issued from time to time in this respect.
- c) **Performance Security Deposit:** It is the retention amount deducted from the running bill of the contractors in addition to the Performance Guarantee. This will be @2.5% of the gross amount of each running bill so that the amount so retained shall be 2.5% of the value of the work done till then. This can be released against Bank Guarantee on its accumulation to a minimum amount of Rs. 5 lakhs subject to the condition that the amount of Bank Guarantee except last one shall not be less than 5 Lakhs. This amount will be released after passing of final bills as in the case of refund of deposit

26. The bid submitted is treated as invalid if:

- a) *The copies as submitted by the bidder in the office of bid opening authority. bidder is found ineligible*
- b) *The bidder does not upload all the documents as stipulated in the bid document.*
- c) *Any discrepancy is noticed between the documents as uploaded at the time of submission of bid and hard*

Payment Terms for Supply & Installation

Payment shall be released after successful installation and trial commissioning of the total item as per the schedule of quantities.

List of Documents to be scanned and uploaded within the period of bid

submission:Cover 1

- I. NIT
- II. Registration Certificate of the Contractor
- III. Certificates of Work Experience.
- IV. A declaration from the contractor to the effect that he has not been debarred from

- tendering by any authority.
- V. Certificate of Registration for GST.
 - VI. Any other document as specified in the tender notice.

Cover 2

- I. BOQ (Price Bid)

TECHNICAL SPECIFICATIONS

➤ Functional requirement of the AIR BLOWER SYSTEM.

The effluent generated from the various units inside KINFRA Parks are collected and treated at Common Effluent Treatment Plant (CETP). This treated water is utilized for irrigation and overflow water keeping in a detention pond. Air blowers are used to provide the aeration to the effluents during treatment at CETP. Presently one of the air blower is in damaged condition so KINFRA is planning to replace the same

➤ General specification for AIR BLOWER SYSTEM

1	Type of Blower	: Twin lobe blower
2	Power of Blower	: 15.0 HP
3	Pressure	: 0.4 kg/ Cm ²
4	Air flow of Blower	: 600 to 650 m ³ / Hr
5	RPM	: 1000 to 1100
6	Make	: Everest / A1
7	Motor	: Crompton / Kirloskar
8	Services	: Continuous
9	Fluid Handled	: Air
10	Installation	: Indoor

Complete with Silencer, Base frame, V Belt, Non Return Valve, Pressure Gauge, Valves and all other accessories which required for the working of Blowers.

➤ Functional requirement of the diffused air distribution in aeration tank

The effluent generated from the various units inside KINFRA Parks are collected and treated at Common Effluent Treatment Plant (CETP). This treated water is utilized for irrigation and overflow water keeping in a detention pond. Air blowers are used to provide the aeration to the effluents during treatment at CETP. Presently the air distribution in aeration tank is damaged / corroded so KINFRA is planning to replace the same.

Diffused Air distribution system in aeration tank

Number of Tank	- 1
Size of Tank	- 8 m x 7 m x 4.5 m
Number of Diffusers	- 40 (20 set x 2 nos)
Type of Diffusers	- Membrane tube fine bubble
Size of the Diffuser	- 90 mm dia. 1000 mm length
Material of Construction	- EPDM (Ethylene Propylene Diene Monomer)
Make	- Southern Coagn or equivalent
Air distribution	- In the top of Aeration tank - 3" size M.S. 'C' class pipe
Air distribution to diffusers	- Inside the Aeration tank - 1" size.S.304 pipe
Air control valve	- 1" size Butterfly valves (S.S. Disc, C.I body)
Type	- Retrievable

Other accessories - Set of flanges and elbows, suitable to the Pipe lines and pipe line supports.

➤ **Functional requirement of the diffused air distribution in Equalisation tank**

The effluent generated from the various units inside KINFRA Parks are collected and treated at Common Effluent Treatment Plant (CETP). This treated water is utilized for irrigation and overflow water keeping in a detention pond. Surface aerator is used for providing aeration in collection well. Presently the air distribution in equalisation tank is not perfect so KINFRA is planning to replace the same with diffused air distribution

Diffused Air distribution system in Equalization tank

- Number of Tank - 1
- Size of Tank - 8 m x 8 m x 4 m
- Number of Diffusers - 40 (20 set x 2 nos)
- Type of Diffusers - Disc type, Coarse bubble
- Size of the Diffuser - 80 mm dia.
- Material of Construction - EPDM and fittings in PVC (Ethylene Propylene Diene Monomer)
- Make - Southern Coagn or equivalent
- Air distribution - In the top of Equalization tank – 3” size, M.S. ‘C’ class pipe
- Air distribution to diffusers - Inside the Aeration tank - 1” size S.S.304 pipe
- Air control valve - 1” size Butterfly valves (S.S. Disc, C.I body)
- Type - Retrievable

Other accessories - Set of flanges and elbows, suitable to the Pipe lines and pipe line supports

Self-priming Monoblock pump 1

- Capacity - 5HP
- Phase - 3
- Speed - 2860rpm
- Type - Self Primary (coupled) sludge pump
- Starter - DOL
- Make - MATHER & PLATT/KISHOR/ KIRLOSKAR/JYOTI/WPIL/FLOWMORE

Self-priming Monoblock pump 2

- Capacity - 7.5 HP
- Phase - 3
- Speed - 2920rpm
- Type - Self Primary (coupled) sludge pump
- Starter - DOL
- Make - MATHER & PLATT/KISHOR/ KIRLOSKAR/JYOTI/WPIL/FLOWMORE

Submersible Sewage Water & Dewatering Pump

- Capacity - 2 HP
- Phase - 3
- Head - 15 mtr,
- Pipe Size - 50mm
- Pump Body - SS
- Starter - DOL
- Make - KIRLOSKAR/KISHOR/KSB/MBS/ M&P (WILOW)
- Pump should be of 30000Lph, 100% COPPER and also have 25m Cable

➤ **Scope of Supply and Work**

- **KINFRA Scope**

Power supply of 230 V / 415 V AC

- **Bidders scope of supply and responsibilities**

Scope of supply shall include and not limited to the following to meet the Specification requirement.

KERALA INDUSTRIAL INFRASTRUCTURE DEVELOPMENT CORPORATION***Item Rate Tender & Contract for Works***

(A) Tender for the work of :- **Supply, Installation, Testing and Commissioning of electro-mechanical items for CETP at KINFRA Small Industries Park at Nellad**

(i) To be submitted/ uploaded by hours
on.....to...../ upload at
www.etenders.kerala.gov.in

e-TENDER

I/We have read and examined the notice inviting tender, schedule, A, B, C, D, E & F Specifications applicable, Drawings & Designs, General Rules and Directions, Conditions of Contract, clauses of contract, Special conditions, Schedule of Rate & other documents and Rules referred to in the conditions of contract and all other contents in the tender document for the work.

I/We hereby tender for the execution of the work specified for KINFRA within the time specified in Schedule 'F' viz., schedule of quantities and in accordance in all respect with the specifications, designs, drawing and instructions in writing referred to in Rule-1 of General Rules and Directions and in Clause 11 of the Conditions of contract and with such materials as are provided for, by, and in respect of accordance with, such conditions so far as applicable.

We agree to keep the tender open for 90 days from the due date of its opening and notto make any modification in its terms and conditions.

A sum of Rs.42781/- has been deposited in prescribed manner as Earnest Money Deposit (EMD). If I/We, fail to furnish the prescribed performance guarantee within prescribed period, I/We agree that KINFRA shall without prejudice to any other right or remedy, beat liberty to forfeit the said earnest money absolutely. Further, if I/We fail to commence work as specified, I/We agree that KINFRA shall without prejudice to any other right or remedy available in law, be at liberty to forfeit the said performance guarantee absolutely. The said Performance Guarantee shall be a guarantee to execute all theworks referred to in the tender documents upon the terms and conditions

contained or referred to those in excess of that limit at the rates to be determined in accordance with the provision contained in Clause 12.2 and 12.3 of the tender form.

Further, I/We agree that in case of forfeiture of Earnest Money or Performance Guarantee as aforesaid, I/We shall be debarred for participation in the re-tendering process of the work.

I/We undertake and confirm that eligible similar work(s) has/have not been got executed through another contractor on back to back basis. Further that, if such a violation comes to the notice of KINFRA, then I/We shall be debarred for tendering in KINFRA in future forever. Also, if such a violation comes to the notice of Department before date of start of work, the Engineer-in-Charge shall be free to forfeit the entire amount of Earnest Money Deposit/Performance Guarantee.

I/We hereby declare that I/We shall treat the tender documents drawings and other records connected with the work as secret/confidential documents and shall not communicate information/derived there from to any person other than a person to whom I/We am/are authorized to communicate the same or use the information in any manner prejudicial to the safety of the State.

Date:
Witness:
Address:

Signature of Contractor
Postal Address:

Occupation:

Certificate of near relatives

DECLARATION

(To be submitted by the Contractor regarding near relatives working in KINFRA as per clause 16 of KINFRA-6)

“I s/o Shri..... Resident of.....hereby certify that none of my relative(s) as defined in clause 16 of KINFRA-6 is/are employed in concerned Department of KINFRA.

In case at any stage, it is found that the information gives by me is false/incorrect, KINFRA shall have the absolute right to take any action as deemed fit without any prior information to me.”

Signature of Contractor

DECLARATION

I/we hereby declare that I/we have not been Black listed, debarred/suspended by any Central/State Govt Depts/Central/State Govt PSUs, Autonomous and statutory bodies under State/Central.

Signature of Contractor

Proforma Of Schedules

(Separate Performa for Civil, Elect. & Hort. Works in case of Composite Tenders) (Operative Schedules to be supplied separately to each intending tenderer)

SCHEDULE 'A'

Schedule of quantities (as per BOQ)

SCHEDULE 'B'

Schedule of materials to be issued to the contractor.

Nil

SCHEDULE 'C'

Tools and plants to be hired to the contractor.

Nil

SCHEDULE 'D'

Extra schedule for specific requirements/document for the work, if any.

Nil

SCHEDULE 'E'

Reference to **General Conditions of contract** uploaded in www.kinfra.org

Name of work: **Supply, Installation, Testing and Commissioning of electro-mechanical items for CETP at KINFRA Small Industries Park at Nellad**

Estimated cost of work: 24,00,882/-

(i) Earnest money: **Rs. 50,000/-** (to be returned after completion of work)

SCHEDULE 'F'

GENERAL RULES & DIRECTIONS: NIT shall be read with General Conditions of Contract for KINFRA (available in website www.kinfra.org)		
	Office inviting tender	: Managing Director, KINFRA
	Maximum percentage for quantity of items of work to be executed beyond which rates are to be determined in accordance with clauses 12.2 & 12.3	: As per clause 12
Definitions		

2(vi)	Engineer-in-charge	: means the Engineer officer of KINFRA who shall supervise and charge of work.
2(ix)	Accepting Authority	: Managing Director, KINFRA
2(x)	Department	: KINFRA
2(xii)	Percentage on cost of materials and labour to cover all overheads and profits	NA
2(xiii)	Standard Schedule of rates	: Market rates
2(xv)	Date of Commencement	:10 th day from the date of work order or 7 th day from the date of receipt of work order whichever is earlier
Clause 2		
	Authority for fixing compensation under clause 2.	Managing Director, KINFRA
Clause 2A		
	Whether Clause 2A shall be applicable	No
Clause 5		
	Number of days from the date of issue of work order for reckoning date of start	10 days
Milestone : As per Clause 5 of GCC (KINFRA 7/8)		
Time allowed for execution of work: One Month		
Authority to decide:		
a. Extension of time: Managing Director, KINFRA		
b. Rescheduling of mile stones: Managing Director, KINFRA		
c. Shifting of date of start in case of delay in handing over of site: Managing Director, KINFRA		
Clause 6, 6A		
	Clause applicable - (6 or 6A)	Clause 6A
Clause 7		

Clause 11		
	Specifications to be followed for execution of work	:1) MoRTH Specifications for road works 2) CPWD 2019 Vol 1 & 2 for Civil with latest amendment
Clause 12		
	Type of work: Original Work	
12.2 & 12.3	Deviation Limit beyond which clauses 12.2 & 12.3 shall apply for building work	: As per clause 12 of General Conditions
12.5	(i) Deviation Limit beyond which clauses 12.2 & 12.3 shall apply for foundation work (except items mentioned in earth work subhead in DSR and related items)	: As per clause 12 of General Conditions
	(ii) Deviation Limit for items mentioned in earth work subhead of DSR and related items	: As per clause 12 of General Conditions
Clause 16	Competent Authority for deciding reduced rates.	: Managing Director, KINFRA
Clause 31		
	Contractor shall make his/their own arrangement for water required for the work and nothing extra will be paid for the same. If water is purchased from KINFRA, rates for industrial water supply, applicable in KINFRA will be charged on the Contractor	
Clause 36(i)		
The contractor shall provide and employ technical staffs for site supervision, quality assurance and ensuring safety		

Additional Conditions

All works shall be carried out at site as per CPWD Specification for civil, with latest amendments, MoRTH specifications for road works and CPWD General Specifications for electrical, with latest amendments

GUIDELINES FOR E-PROCUREMENT

Prospective bidders willing to participate in this tender shall necessarily register themselves with e-procurement portal (www.etenders.kerala.gov.in). The tender timeline is available in the critical date section of this tender published in www.etenders.kerala.gov.in.

A). Online Bidder registration process:

Bidders should have a Class II or above Digital Signature Certificate (DSC) to be procured from any Registration Authorities (RA) under the Certifying Agency of India. Details of RAs will be available on www.cca.gov.in. Once, the DSC is obtained, bidders have to register on www.etenders.kerala.gov.in website for participating in this tender. Website registration is a one-time process without any registration fees. However, bidders have to procure DSC at their own cost.

Bidders may contact e-Procurement support desk of Kerala State IT Mission over telephone at 0471-2577088, 2577188, 2577388 or 0484 – 2336006, 2332262 - through

email: etendershelp@kerala.gov.in for assistance in this regard.

B). Online Tender Process:

The tender process shall consist of the following stages:

- i. **Downloading of tender document:** Tender document will be available for free download on www.etenders.kerala.gov.in. However, tender document fees shall be payable at the time of bid submission as stipulated in this tender document.
- ii. **Pre-bid meeting:** As per NIT
- iii. **Publishing of Corrigendum:** All corrigenda shall be published on www.etenders.kerala.gov.in and shall not be available elsewhere.
- iv. **Bid submission:** Bidders have to submit their bids along with supporting documents to support their eligibility, as required in this tender document on www.etenders.kerala.gov.in.
- v. **Opening of Technical Bid and Financial Bid:** The technical bid will be opened at same time mentioned in Information & instruction to the bidders.
- vi. Time of opening of financial bids of pre-qualified bidders will be intimate later.

C). Tender Document Fees and Earnest Money Deposit (EMD)

The Bidder shall pay, a tender document fees and Earnest Money Deposit. The Bid security is required to protect the purchaser against risk of Bidder's conduct, which would warrant the forfeiture of security.

Online Payment modes:

All online payments specified in the tender document shall be made through Multi Option Payment System (MOPS) as per the requirement.

Steps for making tender payments in e-tender system via SBI MOPS gateway

(SBI AND NON SBI ACCOUNT HOLDERS)

- Step 1** :- Click “**Pay Online**” when you reach the payment page while Online Bid Submission.
- Step 2** :- Click “**Confirm to Pay**” to proceed with the payment gateway.
- Step 3** :- Verify that the Tender fee and EMD shown are correct, as per tender document. Then, select the payment option **SBI MOPS** and Submit.
Note: In case of any mismatch in tender payments, with reference to tender documents, please contact TIA for clarifications.
- Step 4** :- Check and Follow the **Terms and Conditions**, and then **Submit**.
- Step 5** :- Bidders may choose their respective bank for accessing Internet Banking Facility

a) SBI

- i. Bidders with SBI account may click SBI option to proceed to its Net Banking Page.
- ii. Bidders may enter SBI Net banking user ID and Password and Click on Login to proceed.
- iii. Please ensure that your account has sufficient balance, before proceeding further. After checking the same, Click Confirm button, to transfer payment. After account debit, MOPS gateway will automatically re-direct to the e- Procurement System, with the Success transaction.
- iv. You will receive bank response immediately by verifying the payment status, whether Success or not. In case, payment was debited from account and further, Payment Failure is shown, immediately contact the e-Procurement helpdesk, for resolution, before tender closing time.
Click Next to go to Bid Preparation details.
- v. Please ensure that the Pay Online option is not shown after successful payment, for confirmation. From here, you may proceed with Encrypt and Upload to upload tender documents, and further submission process.

b) OTHER BANKS :

- i. Bidders with other bank account may click Other Banks option to proceed to SBI Net Banking Page. You may select the appropriate Bank from selection page. As an example, we are proceeding with ICICI Bank in the provided dropdown box of All Banks.
- ii. After selecting ICICI Retail Banking, Click Make Payment Button to proceed to its internet banking page. Further steps may depend on the Bank Procedure.

After, successful payment, system will direct you to payment confirmation page

- iii. You will receive bank response immediately by verifying the payment status, whether Success or not. In case, payment was debited from account and further, Payment Failure is shown, immediately contact the e-Procurement helpdesk, for resolution, before tender closing time.
Click Next to go to Bid Preparation details.
- iv. Please ensure that the Pay Online option is not shown after successful payment, for confirmation. From here, you may proceed with Encrypt and Upload to upload tender documents, and further submission process

D). SUBMISSION PROCESS:

For submission of bids, all interested bidders have to register online as explained above in this document. After registration, bidders shall submit their Technical bid and Financial bid online on www.etenders.kerala.gov.in along with online payment of tender document fees and EMD.

For page by page instructions on bid submission process, please visit www.etenders.kerala.gov.in and click “Bidders Manual Kit” link on the home page.

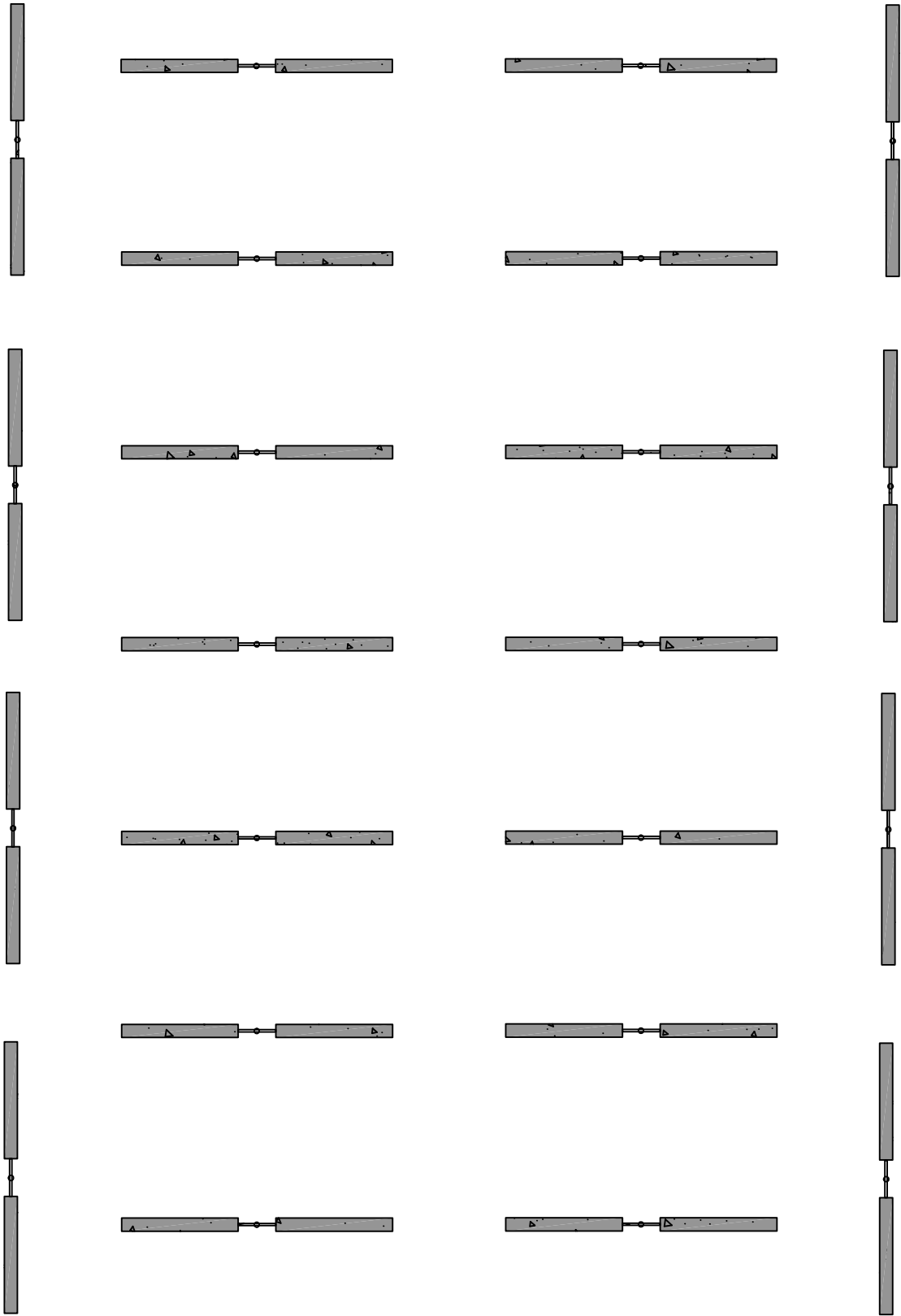
It is necessary to click on “Freeze bid” link/ icon to complete the process of bid submission otherwise the bid will not get submitted online and the same shall not be available for viewing/ opening during bid opening process.

Other Instructions to Bidders

1. All other relevant forms shall be in the format prescribed in CPWD Manual.
2. All Statutory approvals both initial & final wherever necessary for the execution of work from the authorities concerned shall be obtained by Contractor at his own expense. However statutory fees will be reimbursed on submission of receipts.
3. Representatives of bidders/firms participating in the pre-bid meeting shall produce authorisation from the firm.
4. All drawings in the tender documents shall be ‘Good for Construction’. Only minor changes of working drawings will be issued subsequently to tender drawings.
5. Important Dates

Last Date of submission	-	27/06/2023 at 5:00 PM
Technical Bid Opening	-	30/06/2023 at 10:30 AM

DIFFUSERS IN AERATION TANK



DIFFUSERS IN EQUALIZATION TANK

