

# 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 : **KIN/NLD/CETP/01/2022-23**
- Name of Work : Supply, Installation, Testing and Commissioning of 15HP Twin lobe blower and 3HP screw pump for CETP at KINFRA Small Industries Park at Nellad
- PAC : Rs.2,23,200/-
- EMD : Rs. 5,600/-
- Period of Completion : 1 Month
- Bid Submission Fee : Rs.590/- (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 : **KIN/NLD/CETP/01/2022-23**

Name of Work : **Supply, Installation, Testing and Commissioning of 15HP Twin lobe blower and 3HP screw pump for CETP at KINFRA Small Industries Park at Nellad**

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

Last date of Submission : 29/11/2022 at 3:00 PM

Name of Bidder : .....

Address of Bidder : .....


.....

.....

## INDEX

Sl No	Details	Pages
1.	Tender Notice	4
2.	Notice Inviting Tender (NIT)	5-9
3.	Price Part	Attached

## Tender Notice

 KINFRA INSPIRING GROWTH	<b>KERALA INDUSTRIAL INFRASTRUCTURE DEVELOPMENT CORPORATION (KINFRA), Thiruvananthapuram, Kerala</b>		
<b><u>Tender</u></b>			
<p>Managing Director, KINFRA invites <b>Item rate</b> tenders in <b>double cover</b> bid system for the following work in the prescribed form, from competent, experienced, technically &amp; financially sound contractors/Firms for the following work:</p> <p><b>Supply, Installation, Testing and Commissioning of 15HP Twin lobe blower and 3HP screw pump for CETP at KINFRA Small Industries Park at Nellad</b></p>			
PAC	Bid fee	EMD	Last Date of submission
<b>Rs.2,23,200/-</b>	Rs.590/- (Inclusive of GST)	Rs.5600/-	29/11/2022 at 03:00 PM
<p><b>Tender document (Non-transferable) can be downloaded from the website, <a href="http://www.Kinfra.org">www. Kinfra.org</a>. Enquires can be made from the office of KINFRA Small Industrial Park, Nellad P.O, Muvattupuzha, Phone - 9539180777, from 18/11/2022 to 29/11/2022.</b></p>			
Place: Nellad Date: 18/11/2022		Sd/- Managing Director	

## Notice Inviting Tender

Managing Director, KINFRA invites **Item rate** 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 15HP Twin lobe blower and 3HP screw pump 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
KIN/NLD/CETP/01/2022-23	Supply, Installation, Testing and Commissioning of 15HP Twin lobe blower and 3HP screw pump for CETP at KINFRA Small Industries Park at Nellad	2,23,200/-	5600	1 month	29/11/2022 at 3.00PM	29/11/2022 at 3.30PM	590/- (Inc.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 Contractor Registration.

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. *Tender document can be download from the official of KINFRA, [www.kinfra.org](http://www.kinfra.org) Enquires can be made from the office of KINFRA Small Industrial Park ,Nellad P.O, Muvattupuzha ,Phone - 9539180777, from 18/11/2022 to 29/11/2022*

5. *Tender Submission: Tender shall be submitted in sealed envelope, duly superscribed "Supply, Installation, Testing and Commissioning of 15HP Twin lobe blower and 3HP screw pump for CETP at KINFRA Small Industries Park at Nellad" with a submission fee of Rs. 590.00 as Demand Draft. This sealed cover shall be addressed to Managing Director, KINFRA ,Trivandrum. Submission fee to be remitted in the form of DD in favour of Managing Director, KINFRA payable at Trivandrum*
6. *The tender in the prescribed format along with EMD and other required details, in sealed cover should reach KINFRA HiTech Park, Kalamassery, Opp. Co-operative Medical College, HMT Colony P.O, Kalamassery, Cochin- 683503 on or before 29/11/2022, 3.00PM .*
7. *The bid submitted will be opened on 29/11/2022 at 03.30 PM in the office of KINFRA HiTech Park, Kalamassery, Opp. Co-operative Medical College, HMT Colony P.O, Kalamassery, Cochin- 683503, Phone - 04842559790.*
8. *Earnest Money Deposit (EMD) amounting to Rs.5600/- (Rupees Five thousand and Six Hundred only) to be remitted in the form of DD in favour of Managing Director, KINFRA payable at Trivandrum..*

*EMD of the unsuccessful bidders will be refunded without any interest on finalization of the contract with the successful bidder or on the expiry of the firm period of tender plus 30 days whichever is earlier.*

*EMD deposited with the client will be forfeited / encashed under the following circumstances.*

- *If the bidder withdraws his bid during the firm period specified.*
  - *If the successful bidder fails within the time limit to sign the contract agreement or fails to furnish the required performance security deposit.*
8. The bid submitted is treated as invalid if the bidder does not submit all the documents (as stipulated in the bid document).
  9. 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.

10. 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.
11. 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.
12. 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.
13. The contractor shall not be permitted to bid for works if he/she is the near relative of an officer of KINFRA posted as Project Officer or Finance Officer.
14. 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.
15. 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.
16. 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.

17. 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.

#### **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.

### **TECHNICAL SPECIFICATIONS**

#### **Functional requirement of the Screw pump.**

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. The sludge prepared during the treated of effluents in the CETP is pumped in to the filter press for preparing the sludge cake using a screw pump. Presently this screw pump is in damaged condition so KINFRA is planning to replace the same

#### **General specification for SCREW PUMP**

1	Type of Pump	: Screw Pump
2	Power	: 3.0 HP
3	Design Pressure	: 12.0 Bar
4	Working Pressure	: 8.0 Bar
5	Capacity	: 2.5 M <sup>3</sup> / Hr
6	RPM	: 350
7	Make	: Hydroprocav / Heliflow or Equivalent
8	Motor	: Crompton / Kirloskar

Complete with SS 304 Rotor and all other wetted parts in SS 304, Base Plate, V Belt and pulleys, Pipes, Valves, Pressure Gauge and all other accessories required for feeding the slurry to Filter Press.

#### **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 <sup>2</sup>
4 Air flow of Blower	: 600 to 650 m <sup>3</sup> / Hr
5 RPM	: 1000 to 1100
6 Make	: Everest / A1 or Equivalent
7 Motor	: Crompton / Kirloskar

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

## **Scope of Supply and Work**

### **KINFRA Scope**

- 1) Power supply of 230 V / 415 V AC at a single point in the Control room.
- 2) GSM SIM card with internet connectivity

Bidders scope of supply and responsibilities

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

Supply, Installation, Testing and commissioning of 15HP Twin lobe blower and 3HP screw pump for CETP at KINFRA Small Industries Park at Nellad.

### **List of Documents to be submitted in sealed Envelope:**

#### **Cover 1.**

1. NIT (duly filled and signed (Each page should be signed by the bidder with seal).
2. EMD
3. Certificate of Registration for GST.
4. Certificates of Work Experience.
5. Completion certificate from Client.

#### **Cover 2**

1. BoQ (Price Part)

\*\*\*\*\*