

KINESCO POWER AND UTILITIES PVT LTD

GROUND FLOOR, KINFRA PARK OFFICE, INFOPARK P O, KAKKANAD, KOCHI 682 042
Tel: 0484-295 0511 | **Email:** kinescopower@gmail.com | **Web:** www.kinesco.org



Notice Inviting Tender (NIT)

(Technical Bid)

(KINFRA-06)

Tender No	:	KINESCO/KKD/RE-TENDER_02/2021-22
Name of Work	:	Replacement of faulty RMUs (2 Nos.) at Kakkanad Licensee area.
PAC Amount	:	Rs. 11,38,459/- (excluding GST)
EMD	:	Rs. 17,077/-
Period of Completion	:	4 Months
Tender Submission Fee	:	Rs. 2,950/- (including 18% GST)

Tender Notice



KINESCO POWER AND UTILITIES PRIVATE LIMITED (A Company Fully Owned by KINFRA)

e-Tender

KINESCO invites item rate, online tenders from registered, competent, experienced and technically sound contractors/firms for the following work:

Replacement of faulty RMUs (2 Nos.) at Kakkanad Licensee area

PAC	Bid fee	EMD	Last Date
Rs. 11,38,459/-	Rs. 2,950/- (Including 18% GST)	Rs.17,077/-	17/12/2021 at 5:00PM

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/www.kinesco.org.

Place: Kochi
Date: 02/11/2021

Sd/-
CEO, KINESCO

GENERAL GUIDELINES

1. This 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 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.kinesco.org/
www.kinfra.org](http://www.kinesco.org/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 tenderers 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.kinesco.org/
www.kinfra.org](http://www.kinesco.org/www.kinfra.org)”
3. The intending tenderers will quote their rates in Schedule A i.e. Schedule of Quantities.
4. The Performa 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 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

Chief Executive Officer, KINESCO Power and Utilities Pvt Ltd (KPUPL), invites **item rate** online tenders in **two cover bid system** for the following work in the prescribed form, from competent and eligible contractors/firms, who fulfil the eligibility criteria prescribed.

Sl No	NIT No	Name of work & Location	Estimated cost put to tender	EMD	Period of Completion	Last date of submission of Tender document	Time & Date of opening of Technical Tender	Tender cost
1	2	3	4	5	6	7	8	9
1	KINESCO/KKD/RE-TENDER_02/2021-22	Replacement of faulty RMUs (2 Nos.) at Kakkanad Licensee area.	Rs. 11,38,459/-	Rs. 17,077/-	4 months	17/12/2021 at 5.00pm	21/12/2021 at 3.00 pm	Rs.2,950/- (including GST)

1. Registration of contractors / tenderers should be valid on the last date of submission of tenders. In case the last date of submission of tender is extended, the registration of contractor should be valid on the original date of submission of tenders.
2. Intending tenderers are eligible to submit the tender provided, the tenderer has definite proof from the appropriate authority, which shall be to the satisfaction of the competent authority, of having satisfactorily completed similar works.
3. The e-GP system shall not allow submission of tenders online after the stipulated date & time. The tenderer is advised to submit the tenders well before the stipulated date & time to avoid any kind of network issues, traffic congestion etc. In this regard, KINESCO shall not be responsible for any kind of such issues faced by tenderer.

4. **Eligibility Criteria:**

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

Technical

- a. The tenderer should have valid 'A' Class Electrical Contract License to work on All HT jobs issued by the Kerala State Electricity Licensing Board, Thiruvananthapuram.

- b. The tenderer should submit the Authorization from the Original manufacturer if the tenderer is not the Original Equipment Manufacturer (OEM). The documentary proof of the same should be uploaded along with the NIT of the tender.
- c. Only those contractors who have minimum 5 years of experience in the field of undertaking similar works of **“Supply, Installation, Testing, Commissioning and Handing over of 11 KV Ring Main Units including all Civil Works”** for large office buildings / commercial premises / industrial houses and have three years’ experience in any Public Sector Undertaking (PSU), Govt. Organisations or at similar premises are eligible for tender. The tenderer has to furnish the list of work orders executed by him in the Schedule enclosed herein.

A tender submitted by a firm who is found to be not satisfying the above criteria will be liable for rejection.

- d. The tender shall be accompanied by user’s certificate from any Distribution Utility/ State Govt. / Central Govt. or their undertaking(s) in support of satisfactory performance of their above work undertaken earlier.
 - e. The tenderers who have earlier failed to execute the purchase order(s) of the KINESCO and or black listed by KINFRA / KINESCO any of the distribution utility shall not be eligible to participate in this tender.
 - f. A declaration has to be given to the effect that the tenderer has not been debarred from tendering by any authority.
“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.”
(Scanned copy to be uploaded at the time of submission of tender)
 - g. KINESCO reserves the right to waive minor deviation, if they do not materially affect the capacity of the tenderer to perform the contract.
5. Agreement shall be drawn with the successful tenderers on KINESCO format. Bidders shall quote their rates as per various terms and conditions of the said form which will form part of the agreement.
6. The time allowed for carrying out the Replacement of faulty RMUs (2 Nos.) at Kakkanad licensee area will necessarily be **4 Months** from the date of start as defined in schedule 'F', as mentioned by KINESCO in Additional Conditions (Refer Contract Period).
7. The site for the work is the electrical Licensee area of KINESCO Power and Utilities Pvt Ltd at KEPIP & Infopark, Kakkanad, Kochi.

8. The tender document consisting the specification of 11 KV Ring Main Units including all civil work that will be required for the tender and the set of terms and conditions of the contract to be complied with and other necessary drawings and documents except Standard General Conditions of Contract Form can be seen on website www.etenders.kerala.in. General Conditions of Contract (KINFRA- 7/8) shall be available in downloadable manner from www.kinesco.org/www.kinfra.org and shall form part of tender document.
9. Tender documents and tender schedule may be downloaded free of cost from the e-GP Web site www.etenders.kerala.go.in . Tender fee of Rs. 2,950/- (Including 18% GST) shall be remitted through online payment mechanism for e-procurement system of Govt. of Kerala.
10. Pre-Bid Meeting shall be held in the office of KINESCO Power and Utilities Pvt Ltd, Kakkanad (Tel: 0484-2950511) at 11:00AM on 10/12/2021 to clear the doubts of intending tenderers, if any. The bidders can also attend the pre-bid meeting in online, the link will be shared with them, if they request through email kinescopower@gmail.com. For those who are not able to attend the pre-bid meeting shall send all their queries, if any, in the above mail id on or before 09/12/2021, 5.00pm, (Contract Person: Mr Sajeew M.S (Resident Engineer), Mob no. 7356440111). All Clarifications for the queries of bidders, if any, will be uploaded in e-tender website as addendum.

List of Documents to be scanned and uploaded within the period of tender submission:

Cover 1

- I. NIT
- II. Certificate of Registration for GST.
- III. A declaration has to be submitted by the tenderer that he/she has not been debarred from tendering by any authority.
- IV. Certificate proving that the tenderer has carried out similar works previously.
- V. Copy of Pan Card.
- VI. Copy of Work Orders received from previous clients.
- VII. Acceptance letter and Declaration form prepared in tenderer's letter head duly signed.
- VIII. Letter of undertaking of the work prepared in tenderer's letter head duly signed.
- IX. Certificate of Incorporation of Organisation.
- X. Completion certificate from various Clients.
- XI. Copy of Performance certificate for the supply, installation, testing, commissioning and handing over of similar type of 11kV RMUs in any one of the State / Central / Public Utility Concern and the same are in successful operation for the period more than five years as on 30.11.2021 at one location.

- XII. Copy of user's certificate from any Distribution Utility/ State Govt. / Central Govt. or their undertaking(s) in support of satisfactory performance of their above work undertaken earlier
- XIII. Copy of valid 'A' Grade Electrical Contract License with authorisation to work on All HT jobs issued by Kerala State Electricity Licensing Board. (Copy of license to be attached)
- XIV. Copy of the authorization from the original manufacturer if the tenderer is not the Original Equipment Manufacturer (OEM).
- XV. Guaranteed technical specifications for 11 KV RMU

Cover 2

- I. BOQ (Price bid)

Additional Conditions

1. SAFETY DURING EXECUTION OF ELECTRICAL WORKS

1. All possible care and precautions shall be taken to prevent any injury or danger to persons, animals and property during the execution of the works.
2. As far as electrical works are concerned all the safety practice as recommended in the following shall be strictly followed:
 - I. CEA (Measures relating to Safety and Electric Supply) Regulations, 2010 and its amendments.
All these publications shall be their latest versions including all the amendments and revisions made up to the date on which reference will be made to them. Where relevant Indian Standard specifications or codes of practice are not available, reference shall be made to the latest versions of relevant B.S. and I.E.C. standard specifications and Codes of Practice.
3. During the time when work is going on at the site, there shall be available at site, persons well-trained in artificial resuscitation and other treatment to be given to any one suffering from electrical shock.
4. All required first aid appliance and materials shall be readily available at the site and shall be quickly accessible for use during an emergency.
5. Any person who requires to be hospitalized shall be taken to the nearest public hospital without any loss of time.
6. Scaffolding provided for workmen shall be strong, stable and safe. They shall be tested for safety and shall be continuously inspected for any possibility of failure or danger.
7. No portable single ladder shall be more than 5m long. The minimum clear width of the runs between the side rails shall be 300 mm and the distance between adjacent rungs shall not be more than 300 mm. Whenever a ladder is used an extra workman shall be engaged to hold the ladder.

2. SAFETY DURING EXECUTION OF CIVIL WORKS

The Contractor shall take all safety precautions during the execution of awarded work and shall maintain and leave the site safe at all times. At the end of each working day and at all times when the work is temporarily suspended, he shall ensure that all materials, equipment and facilities will not, cause damage to existing property, personal injury or interfere with the other works of the project or Station. The contractor shall comply with all applicable provisions of the safety regulations, cleanup programme and other measures that are in force at the site.

1. The Contractor shall provide and maintain all lights, guards, fencing, warning signs, caution boards and other safety measures and provide for vigilance as and where necessary or as required by the Engineer-in-charge or by any duly constituted authority for the protection of workers or for the safety of others. The caution boards shall also have appropriate symbols
2. Adequate lighting facilities such as flood lights, hand lights and area lighting shall be provided by the Contractor at the site of work, storage area of materials and equipment and temporary access roads within his working area.

3. The contractor shall obtain written approval of the Engineer-in-charge to the lighting scheme and place of tapping prior to its installation
4. The contractor shall plan his operations so as to avoid interference with the other Departmental works, other contractors or Sub-Contractors at the site. In case of any interference, necessary coordination shall be sought by the contractor from the Department for safe and smooth working.
5. The contractor shall be held responsible for non-compliance of any of the safety measures and delays, implications, injuries, fatalities and compensation arising out of such situations of incidents.
6. The Contractor shall ensure the stability and safety of the excavation, adjacent structures, services and the works.
7. Open excavations shall be fenced off by suitable railing and warning signals installed at night at well-lit places so as to prevent persons slipping or falling into the excavations.
8. Shuttering and supporting structures shall be of adequate strength and approved by Engineer-in-Charge. This shall be ensured before concrete is poured. The procedure approved by Engineer-in-Charge shall be followed for mixing, transporting and pouring of concrete.
9. All persons employed at the construction site shall use safety helmets. For other types of works, persons working in that area shall also use safety helmets, if advised by safety Engineer/Engineer-in-charge.
10. Persons engaged in welding and gas cutting works shall use suitable welding face shields. The persons who assist the welders shall use suitable goggles. Protective goggles shall be worn while chipping and grinding.

3. CLIMATIC CONDITIONS

The climatic conditions under which the equipment should operate satisfactory are as under

1.	Maximum Ambient Air Temperature in shade	40 ^o C.
2.	Minimum Ambient Air Temperature	10 ^o C.
3.	Maximum Relative Humidity	95% (non-condensing)
4.	Minimum Relative Humidity	10%
5.	Average number of tropical monsoon per annum	6 months
6.	Annual Rainfall	2000 mm to 3100 mm

4. STANDARD

Unless otherwise specified elsewhere in this Specification, the RMU, Switchboard (Switchgear), Load break isolators, Instrument Transformers and other associated

accessories shall conform to the latest revisions and amendments thereof to the following standards.

Sl. No.	Standard No.	Title
1.	IEC 60 298/IEC 62 271-200/IS 12729:1988	General requirement for Metal Enclosed Switchgear
2.	IEC60129/IEC62271-102/IS 9921	Alternating current disconnecter (Load break isolators) and earthing switch
3.	IEC 62 271-100/IEC 60 056/IS 13118:1991 IEC 62 271-200	Specification for alternating current circuit breakers
4.	IEC 62 271-1/IEC 60694	Panel design, SF6/Vacuum Circuit Breakers
5.	IEC 60044-1/IEC 60185/IS 2705:1992	Current Transformer
6.	IEC 60265/IS 9920:1981	High voltage switches
7.	IEC 376	Filling of SF6 gas in RMU
8.	IEC 60273/IS :2099	Dimension of Indoor & Outdoor post insulators with voltage > 1000 Volts
9.	EC 60529/IS 13947(Part-1)	Degree of protection provided by enclosures for low voltage switchgear and control gear

Note: All kinds of tests which are required as per mentioned standards shall be carried out.

GENERAL GUIDELINES FOR E-PROCUREMENT

Prospective tenderers 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 Tenderer registration process:

Tenderers 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, tenderers 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, tenderers have to procure DSC at their own cost.

Tenderers 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 tender submission as stipulated in this tender document.
- ii. **Pre-bid meeting:**
- iii. **Publishing of Corrigendum:** All corrigenda shall be published on www.etenders.kerala.gov.in and shall not be available elsewhere.
- iv. **Tender submission:** Tenderers have to submit their tenders along with supporting documents to support their eligibility, as required in this tender document on www.etenders.kerala.gov.in. No manual submission of tender is allowed and manual tenders shall not be accepted under any circumstances.
- v. **Opening of Technical Bid and Financial Bid:** The technical bid will be opened at the same time mentioned in Information & instruction to the tenderers. All documents in support of technical qualifications shall be submitted (online). Failure to submit the documents online will attract disqualification. Only the Price bid of qualified tenderers will be opened on a pre-intimated date after the scrutiny of their submitted documents

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

The Tenderer shall pay, a tender document fees and Earnest Money Deposit. The Bid security is required to protect the purchaser against risk of Tenderer'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.
- iii. After, successful payment, system will direct you to payment confirmation page.
- 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

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 TENDERERS

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. For any details:

**KINESCO Power & Utilities Pvt Ltd
Ground Floor, C F C Building
KINFRA Park Office,
Infopark P.O, Kakkanad, Cochin-42
Contact Number: 0484-2950511.**

5. Important Dates

Prebid meeting	- 10/12/2021, 11:00 am
Last Date of submission	- 17/12/2021, 05:00 pm
Date of opening of Technical bid	- 21/12/2021, 03:00 pm
