



**TRANSFORMERS AND ELECTRICALS KERALA LTD
(A JOINT VENTURE OF GOVT. OF KERALA & NTPC LTD)
ANGAMALY SOUTH PO, ERNAKULAM DIST - 683 573**

NOTICE INVITING TENDER (NIT)

BID DOCUMENT No. : TELK/C&M/QA/CAL/314/2023

We are pleased to invite competitive offline tenders in single cover system for the “Onsite Calibration of CTs/PTs up to 66 kV at TELK Angamaly” strictly as per the tender documents enclosed.

Bid Synopsis

1. Name and Address of Owner : Transformers and Electricals Kerala Ltd
Angamaly South. P. O, Ernakulum Dist,
PIN- 683573.
2. Name of Project : Onsite Calibration of CTs/PTs up to 66 kV
at TELK Angamaly
Total No. of instruments : 24.
3. Location. : Angamaly, Ernakulam Dist, Kerala
4. Nearest Airport. : Cochin International Airport
5. Accessibility : Site is accessible by Road, Rail & Air.
6. Completion Period : Well before **23.12.2023**
7. Tender Fee : Rs. 800.00 (Non Refundable)
8. EMD : Rs 4000.00
(Vendors can avail Tender Fee & EMD exemption on producing/uploading valid MSME certificate)
9. Tender document issuing & receiving authority : Assistant General Manager (C&M)
TELK, Angamaly South P.O.
PIN- 683573, Ernakulam Dist.
Kerala, India
10. Last date & time for submission of Bids : **25.09.2022 Time up to 4.00 PM**
11. Date and Time of Technical Bid opening : **26.09.2022 Time at 11.00 AM**
12. Bid Validity : 90 days





The following are the tender documents:

Cover I

1. NIT
2. ANNEXURE 1: Technical Specification for CT/PT calibration to Bid.doc No TELK / C&M/QA/CAL/314/2023. - 1 page
3. ANNEXURE 2 : List of CTs & PTs to be calibrated to Bid Doc. No: TELK / C&M / QA/CAL/314/2023.
4. ANNEXURE 3 : General Terms & Conditions. – 2 Pages
5. ANNEXURE 4 : Pre-Qualifying Requirements to Bid.doc No TELK /C&M /QA / CAL/314/2023. - 1 page.
6. ANNEXURE 5 : Unpriced Commercial terms & conditions to Bid.doc No TELK/ C&M/QA/CAL/314/2023. - 1 page
7. ANNEXURE 6 : Bank Details .
8. ANNEXURE 7 : Rate Schedule .

NOTES :

- (1) The techno-commercial and priced quotations shall be submitted either in sealed cover or emailed to **telktenders@gmail.com** only so as to deliver before the due date. Tender reference number shall be super scribed on the sealed envelope or mentioned in the subject. Quotations emailed to any other email addresses of TELK are liable to be rejected. A message confirming participation in the tender may be emailed to **contracts@telk.com**.
- (2) Tender Fee and EMD shall be submitted separately either by means of DDs drawn in favour of TELK, Angamaly or by NEFT to the bank account of TELK (see annexure-6). MSME certified companies are exempted from paying the tender fee and EMD by submitting valid MSME/Udyog Adhar certificate. The demand drafts shall be enclosed along with the tender documents. The transaction details shall be submitted along with the bid in the case of NEFT payment.
- (3) The bids received will be subjected to techno-commercial evaluation by TELK and price bids of only qualified bidders will be considered.
- (4) All tender documents with signature and stamp of the bidder shall be submitted along with technical bid as a token of its acceptance.
- (5) Commercial Terms & Conditions shall be submitted in Annexure-5
- (6) The evaluation criteria for financial evaluation of the bid and deciding the lowest bidder will be the net cash out flow of TELK.

Yours Faithfully,
For Transformers and Electricals Ltd Kerala



C. ELSY
ASSISTANT GENERAL MANGER
(Marketing and C&M)

Angamaly
14/09/2023

REVIEWED

TECHNICAL SPECIFICATION FOR CT / PT CALIBRATION

Name of Work : Calibration of Current Transformers & Voltage Transformers (up to 66 kV)

Qualification Criteria:

1. The Bidders shall have experience of doing similar work and should have executed at least one single work order of similar nature i.e. onsite calibration of Current Transformers & Voltage Transformers (up to 66 kV) in any of the preceding five years in any Central Govt. / State Govt. / PSU's / Reputed Private Sector. Bidders shall furnish documentary evidence for the above.
2. The Bidders shall have a valid NABL Accreditation for the onsite calibration of equipment with specified range / accuracy mentioned in Annexure -2. Documentary Proof for currently valid NABL Accreditation and Scope of accreditation are to be submitted.
3. The Bidders shall bring their equipments (including source) and execute the calibration work at M/s. TELK, Angamally, Ernakulum, Kerala, PIN: 683573. This shall be confirmed in the Technical bid.

Special Conditions:

1. Valid stickers with NABL logo are to be provided on all the equipment listed in Annexure – 2
2. Valid Calibration Reports with NABL logo shall be furnished.
3. Work shall be successfully completed within the schedule given while awarding the contract.
4. The rates quoted shall include charges for to and fro transportation (including insurance) of equipment and other instruments required for executing the work. Travelling and boarding expenses of the Bidder's personnel shall be included in the rates or indicated separately in the offer.
5. Calibration of CTs / PTs are required up to 120 % of its rated current / voltage.
6. The expanded measurement uncertainty contributed by the Calibration work, at a confidence level of 95 %, shall be limited to the values given below. The uncertainty values shall be specified in the Calibration report.

CTs : +/- 0.05 % (Current ratio error) & +/- 5 min (Phase angle error)

PTs : +/- 0.15 % (Voltage ratio error) & +/- 10.0 min (Phase angle error)



ANNEXURE 2

**LIST OF CT AND PT FOR CALIBRATION WORK (24 Nos.) to
BID DOCUMENT No. : TELK/C&M/QA/CAL/314/2023**

Sl. No.	Item	Ratios	Burden	Accuracy class	Make	Maker's sl. no.	Identification no.	No. of ratios	Calibration Frequency
1	66 kV CT	1200-1000-800-600-400 / 5 A	15 VA	0.1	TELK	210118-1	Q4/T02/007	5	1 year
2	66 kV CT	1200-1000-800-600-400 / 5 A	15 VA	0.1	TELK	210118-2	Q4/T02/008	5	1 year
3	66 kV CT	1200-1000-800-600-400 / 5 A	15 VA	0.1	TELK	210118-3	Q4/T02/009	5	1 year
4	66 kV CT	200-100-50 / 5 A	15 VA	0.1	TELK	210119-1	Q4/T02/010	3	1 year
5	66 kV CT	200-100-50 / 5 A	15 VA	0.1	TELK	210119-2	Q4/T02/011	3	1 year
6	66 kV CT	200-100-50 / 5 A	15 VA	0.1	TELK	210119-3	Q4/T02/012	3	1 year
7	66 kV CT	800-600-400-200-100-50-25 / 5 A	40 VA	0.5/ 1 (1 for 25/5 A & 0.5 for other ratios)	TELK	211400-1	Q4/T02/013	7	1 year
8	66 kV CT	800-600-400-200-100-50-25 / 5 A	40 VA	0.5/ 1 (1 for 25/5 A & 0.5 for other ratios)	TELK	211400-2	Q4/T02/014	7	1 year
9	66 kV CT	800-600-400-200-100-50-25 / 5 A	40 VA	0.5/1 (1 for 25/5 A & 0.5 for other ratios)	TELK	211400-3	Q4/T02/015	7	1 year
10	CT	20-10 / 5 A	40 VA	0.5	TELK	548265-1	Q4/T02/028	2	1 year



Sl. No.	Item	Ratios	Burden	Accuracy class	Make	Maker's sl. no.	Identification no.	No. of ratios	Calibration Frequency
11	CT	20-10 / 5 A	40 VA	0.5	TELK	548265-2	Q4/T02/029	2	1 year
12	CT	60-30 / 5 A	40 VA	0.5	HITACHI	548265-4	Q8/T02/002	2	1 year
13	CT	20-10-5 / 5 A	15 / 10 VA (10 VA for 5/5A, 15 VA for other ratios)	0.2	AE	201425-1	Q4/T02/032	3	1 year
14	CT	20-10-5 / 5 A	15 / 10 VA (10 VA for 5/5A, 15 VA for other ratios)	0.2	AE	201425-2	Q4/T02/033	3	1 year
15	CT	20-10-5 / 5 A	15 / 10 VA (10 VA for 5/5A, 15 VA for other ratios)	0.2	AE	201425-3	Q4/T02/034	3	1 year
16	CT - RING TYPE	3000-2000 / 1 A	15VA	0.2	KALPA	32381/13	Q4/T02/035	2	1 year
17	CT - RING TYPE	3000-2000 / 1 A	15VA	0.2	KALPA	32382/13	Q4/T02/036	2	1 year
18	CT - RING TYPE	3000-2000 / 1 A	15VA	0.2	KALPA	32383/13	Q4/T02/037	2	1 year
19	33 kV PT	33-22 kV / 110 V	50VA	1	HITACHI	556297-1	Q4/T03/001	2	1 year
20	33 kV PT	33-22 kV / 110 V	50VA	1	HITACHI	556297-2	Q4/T03/002	2	1 year
21	11 kV PT	11-6.6 kV / 110 V	200VA	1	TELK	556296-1	Q4/T03/005	2	1 year
22	PT	3.3 kV / 110 V	15VA	1	TELK	481400-1	Q4/T03/014	1	1 year
23	PT	3.3 kV / 110 V	15VA	1	TELK	481400-2	Q4/T03/015	1	1 year
24	Standard PT	33-22-11 kV / 110 V	15VA	0.2	KDK	63256	Q4/T03/016	3	1 year



**TRANSFORMERS AND ELECTRICALS KERALA LIMITED**

(A Joint Venture of GOVERNMENT OF KERALA & NTPC Limited)

GENERAL TERMS & CONDITIONS

1. **Mode of submission of tender :** The offers shall be submitted online (through Kerala Govt. e-tender portal (www.etenders.kerala.gov.in) or offline (in sealed cover only) as specified in the Notice Inviting Tender (NIT). The bidders shall submit the bids well in advance before the prescribed due date and time.
2. The tenders shall be submitted in single cover system or two cover system as specified in the NIT. For two cover system, Technical Bid and Price Bid are separate. First cover is Technical Bid which shall contain all Technical particulars, Un-priced commercial terms & conditions etc. necessary for the technical evaluation of the tender. Second cover shall contain only the Price Bid. Price bid shall be submitted in the prescribed BOQ (Bill Of Quantity) format through the portal only in the case of e-tender. The bidders shall submit/upload all the tender documents along with the technical bid (Cover-1) with signature and stamp of the bidder. In case of any deviations/comments/additional information the same shall be submitted/uploaded by the Bidders as a separate document along with the technical bid.
3. **Fixed Price :** Bidder shall quote only Fixed Rate/Price which shall not be subject to any escalation whatsoever during the period of Bid Validity and completion of Supply/Execution of the Contract. Any Bid with adjustable or price variation clause shall be treated as 'Non-Responsive' and liable to be rejected unless price variation clause is specified and accepted by the Buyer. Quoted Unit Rate will only be considered as correct and valid, which shall be taken for further consideration.
4. **Tender Fee & EMD :** Tender Fee & EMD shall be paid if specified in the tender documents by means of separate Demand Drafts drawn in favour of "TELK, Angamaly" in the case of offline tenders and only through the e-tender portal in the case of online tenders. EMD of successful bidder will be refunded as per the terms and conditions of the tender/contract. EMD of the unsuccessful bidders will be refunded immediately after awarding of the contract to the successful bidder. The bids shall be submitted well in advance to avoid delays if any for NEFT transfer, which may lead to rejection of the bid. PSUs, Govt. undertakings and vendors with the valid MSME certificate are exempted from paying tender fee & EMD and may avail the exemption route while participating in the online tender by uploading the relevant valid documents/MSME certificate. Tender fee is not refundable.
5. **Taxes and Duties :** All Taxes/Duties if any, payable extra over and above the quoted rate, shall be specifically indicated in the Un-Priced Bid, failing which the quoted rates will be considered as "all inclusive". Offer shall carry clear details of HSN code and applicable rates of CGST/IGST/SGST. Invoice shall be submitted in triplicate and shall be in conformance with the format specified as per GST ACT 2017.
6. **Terms of payment :** Payment will be made through NEFT within 60 days of satisfactory execution of the contract unless otherwise specified.
7. Evaluation of the Offers will be on **"To-Door Cost at TELK, Angamaly" based on NET Cash outflow of TELK.**
8. For technical qualification, TELK will be evaluating bidder's capability to execute the supply/contract, past performance references and commercial terms conditions offered.

Contd...2

ANGAMALLY SOUTH. P.O., PIN. 683 573, ERNAKULAM DISTRICT, KERALA, INDIA.
Phone: 0484-2510332, 2510337, 2510335. Fax: 0484-2452873.e-mail : contracts@telk.com, elsy@telk.com

TRANSFORMERS AND ELECTRICALS KERALA LTD.


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9. In case the lowest bidder (L1) is not a registered / approved supplier of TELK, Angamally, they will be allowed to supply the items only after evaluation by TELK authorities and enlisting as approved/registered supplier. They shall submit duly filled vendor capability report/supplier registration requisition form available in our website www.telk.com.
10. In case L1 is a new supplier to TELK, L2 may also be considered in order to meet urgent requirements.
11. TELK has the right to split the order quantities in appropriate ratios to various parties to meet the delivery requirements.
12. **Publicity** : Any publicity by the Vendor in which the name of TELK is to be used should be done only with the explicit written permission of TELK, Angamally.
13. All applicable statutory deductions like TDS will be deducted from the bill of the supplier/contractor.
14. **Jurisdiction** : Any dispute arising out of this contract will be subject to the jurisdiction of courts having jurisdiction over the area in which our factory situates.
15. Transit insurance for the materials in the scope of supply shall be arranged by the supplier/contractor.
16. **RIGHT TO ACCEPT OR REJECT THE TENDERS:**
 - a) The right to accept the tender in full or in part/parts will rest with TELK.
 - b) Tenders not accompanied with prescribed information or are incomplete in any respect, and/or not meeting prescribed conditions, shall be considered as non-responsive and are liable to be rejected.
 - c) TELK reserves the right to accept or reject any bid or a part of the bid or to annul the bidding process and reject all bids, at any time prior to award of contract without assigning any reason whatsoever and without thereby incurring any liability to the affected bidder or bidders on the grounds for the Buyer's action.
 - d) If the bidder gives wrong information in his tender, TELK reserves the right to reject such tender at any stage or to cancel the contract.
 - e) TELK reserves the right to reject the bid of parties who have failed to meet contractual delivery/provide adequate after sales support for the products supplied/contracts executed against earlier orders.

Important Notice

17. Bidder is requested to furnish all the details called for in the tender. In case any required data/information is/are not furnished in the offer, Purchaser reserves the right to assume the same for the purpose of evaluation/comparison and decide the Tender accordingly.
18. In case special conditions are mentioned in the tender documents, the same shall prevail over the General Terms & Conditions.
19. **Risk Purchase** : We reserve the right to execute the contract from elsewhere at your risk and cost in the event of failure to execute the contract within the stipulated time.




Sr. MANAGER (Contracts & Materials)

ANGAMALLY SOUTH. P.O., PIN. 683 573, ERNAKULAM DISTRICT, KERALA, INDIA.

Phone: 0484-2510332, 2510337, 2510335. Fax: 0484-2452873.

e-mail : contracts@telk.com, elsy@telk.com

PRE-QUALIFYING REQUIREMENTS to BID DOC No. : TELK/C&M/QA/CAL/314/2023		
Sl. No.	Requirements	Reply by the Bidders
1	The Bidders shall have experience of doing similar work and should have executed at least one single work order of similar nature i.e. on site calibration of Current Transformers & Voltage Transformers (up to 66 kV) in any of the preceding five years in any Central Govt. / State Govt. / PSU's / Reputed Private Sector. Bidders shall furnish documentary evidence for the above.	Yes/No (supporting documents shall be furnished)
2	The Bidders shall have a valid NABL Accreditation for on site calibration of equipments with specified range /accuracy, mentioned in Annexure -2. Documentary Proof for currently valid NABL Accreditation and Scope of accreditation are to be submitted	Yes/No (supporting documents shall be furnished)
3	The Bidders shall bring their equipment (including source) and execute calibration work at M/s. TELK, Angamally, Ernakulum, Kerala, PIN: 683573. This shall be confirmed in the Technical bid.	Yes/No
NOTES :		
1	The supporting documents for the details furnished above shall be submitted.	
2	The bids submitted will be subjected to techno-commercial evaluation by TELK and the price bids of qualified bidders will only be considered.	



AUTHORIZED SIGNATORY

Un-Priced Commercial Terms & Conditions to Bid Doc. No. TELK/C&M/QA/CAL/314/2023		
Sl. No.	Particulars	Reply/Remarks by Bidders
1	Submission of Tender Fee	Yes/No
2	Submission of Earnest Money Deposit	Yes/No
3	Submission of MSME certificate if applicable	Yes/No
4	Applicable GST (%)
5	Submission of all Tender Documents duly signed & stamped for its acceptance	Yes/No
6	Bid shall be valid for 90 days from the date of opening of tender.	Yes/No
7	The quoted rates shall be valid until completion of the work	Yes/No
8	Rate for transportaion, boarding and insurance shall be mentioned separately if the same is not included in the rate schedule.	Yes/No
9	Acceptance of Technical Specification / All other Terms & Conditions	Yes/No
10	Deviations/Remarks from the specifications/terms & conditions if any shall be submitted as separate PDF document	Yes/No (Document if any shall be uploaded separately)
11	Submission of Annexure-4 along with supporting documents for fulfilling the Pre-Qualifying Requirements	Yes/No
12	Maximum time schedule for mobilizing the work from the date of receipt of the work order days
13	Acceptance of the payment terms specified by TELK (within 60 days of satisfactory execution of the contract)	Yes/No
14	Contact details of the contractor (Name, address, Tel. No. Mob. No. email ID etc) :	





ഭാരതീയ സ്റ്റേറ്റ് ബാങ്ക്
भारतीय स्टेट बैंक
STATE BANK OF INDIA

Date: 23.11.2018

TO WHOMSOEVER IT MAY CONCERN

This is to certify that M/s Transformers and Electricals Kerala Ltd, Angamaly, Ernakulam, Pin-683572 is maintaining a Cash Credit Account with us Account no 57060281793 since 1984.

Bank Account Details of M/s Transformers and Electricals Kerala Ltd

Name of Bank	STATE BANK OF INDIA
Bank A/c Nr.	57060281793
Bank address	STATE BANK OF INDIA ANGAMALLY BRANCH KALLOOKARAN TOWERS ANGAMALLY P.O. 683572
Branch Code	70157
9 Digit MICR code	683002902
IFSC Code for Bank Branch	SBIN0070157
RTGS Mode	
IFSC Code for Bank Branch	SBIN0070157
NEFT Mode	
SWIFT Code	SBININBBT18
GSTN	32AAACT6205D1ZZ

This certificate is issued as per request from customer.

Yours Faithfully

For STATE BANK OF INDIA

Kathy K Rao

Manager



Chief Manager



bank@sbi
0484-2459454

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Angamally Branch

ANNEXURE 7

**RATE SCHEDULE OF CT AND PT FOR CALIBRATION WORK (24 Nos.) to
BID DOCUMENT No. : TELK/C&M/QA/CAL/314/2023**

Sl. No.	Item	Ratios	Burden	Accuracy class	Make	Maker's sl. no.	Identification no.	No. of ratios	Calibration Frequency	Basic unit Rate (without Gst)
1	66 kV CT	1200-1000-800-600-400 / 5 A	15 VA	0.1	TELK	210118-1	Q4/T02/007	5	1 year	
2	66 kV CT	1200-1000-800-600-400 / 5 A	15 VA	0.1	TELK	210118-2	Q4/T02/008	5	1 year	
3	66 kV CT	1200-1000-800-600-400 / 5 A	15 VA	0.1	TELK	210118-3	Q4/T02/009	5	1 year	
4	66 kV CT	200-100-50 / 5 A	15 VA	0.1	TELK	210119-1	Q4/T02/010	3	1 year	
5	66 kV CT	200-100-50 / 5 A	15 VA	0.1	TELK	210119-2	Q4/T02/011	3	1 year	
6	66 kV CT	200-100-50 / 5 A	15 VA	0.1	TELK	210119-3	Q4/T02/012	3	1 year	
7	66 kV CT	800-600-400-200-100-50-25 / 5 A	40 VA	0.5/ 1 (1 for 25/5 A & 0.5 for other ratios)	TELK	211400-1	Q4/T02/013	7	1 year	
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9	66 kV CT	800-600-400-200-100-50-25 / 5 A	40 VA	0.5/1 (1 for 25/5 A & 0.5 for other ratios)	TELK	211400-3	Q4/T02/015	7	1 year	
10	CT	20-10 / 5 A	40 VA	0.5	TELK	548265-1	Q4/T02/028	2	1 year	
11	CT	20-10 / 5 A	40 VA	0.5	TELK	548265-2	Q4/T02/029	2	1 year	
12	CT	60-30 / 5 A	40 VA	0.5	HITACHI	548265-4	Q8/T02/002	2	1 year	



Sl. No.	Item	Ratios	Burden	Accuracy class	Make	Maker's sl. no.	Identification no.	No. of ratios	Calibration Frequency	Basic unit Rate (without Gst)
13	CT	20-10-5 / 5 A	15 / 10 VA (10 VA for 5/5A, 15 VA for other ratios)	0.2	AE	201425-1	Q4/T02/032	3	1 year	
14	CT	20-10-5 / 5 A	15 / 10 VA (10 VA for 5/5A, 15 VA for other ratios)	0.2	AE	201425-2	Q4/T02/033	3	1 year	
15	CT	20-10-5 / 5 A	15 / 10 VA (10 VA for 5/5A, 15 VA for other ratios)	0.2	AE	201425-3	Q4/T02/034	3	1 year	
16	CT - RING TYPE	3000-2000 / 1 A	15VA	0.2	KALPA	32381/13	Q4/T02/035	2	1 year	
17	CT - RING TYPE	3000-2000 / 1 A	15VA	0.2	KALPA	32382/13	Q4/T02/036	2	1 year	
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19	33 kV PT	33-22 kV / 110 V	50VA	1	HITACHI	556297-1	Q4/T03/001	2	1 year	
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21	11 kV PT	11-6.6 kV / 110 V	200VA	1	TELK	556296-1	Q4/T03/005	2	1 year	
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23	PT	3.3 kV / 110 V	15VA	1	TELK	481400-2	Q4/T03/015	1	1 year	
24	Standard PT	33-22-11 kV / 110 V	15VA	0.2	KDK	63256	Q4/T03/016	3	1 year	
25	Charges for transportaion, boarding and insurance (if any)								LUMPSUM	
	TOTAL AMOUNT (without GST)									
	Applicable GST								%



AUTHORIZED SIGNATORY