



**KERALA STATE ELECTRONICS DEVELOPMENT  
CORPORATION LIMITED**

**Keltron House, Vellayambalam, Thiruvananthapuram- 695 003**

**Phone: 0471-4094444, 2724444, Fax: 0471-2724545**

**Email: [marketing@keltron.org](mailto:marketing@keltron.org)**

**E-Tender**

**For**

**Selection of Contractors to undertake Civil Work for Installation  
of Traffic Signals.**

**E-Tender No: KSEDC/KMO/Mumbai/ 2026-27/E-Tender-001 Dated**

**27/04/2026**

**Important deadline for bidders**

**E-Tender Submission: -04/05/2026 at 3.00 PM**

**Kerala State Electronics Development Corporation Ltd (KELTRON),  
102-A, Poonam Chambers, Dr. A.B. Road, Worli, Mumbai – 400 018**

## PART A

### Important Dates & Time of the EOI

E-Tender No: <b>KSEDC/KMO/Mumbai/ 2026-27/E-Tender-001</b>	<a href="https://www.keltron.org">https://www.keltron.org</a>
E-Tender Document available on website.	<b>27.04.2026 at 10:00 AM</b>
E-Tender submission Start Date and Time (online)	<b>27.04.2026 at 10:15 AM</b>
Last date/ time for submission of bids (i.e. Bid due date) (Both PQ & TQ and Commercial)	<b>04.05.2026 at 3:00 PM</b>
Date & Time of opening of E-Tender (Technical Bid)	<b>05.05.2026 at 10.00 AM</b>
Technical Evaluation	The date will be communicated after verifying Pre-Qualification and Technical Bids

## **E-TENDER FOR**

### **Contractor for Civil and Other Related Engineering Works for Road**

#### **Traffic Signal Installation**

##### **1. BACKGROUND**

The KELTRON group companies comprise of the holding company the Kerala State Electronics Development Corporation Limited (KSEDC LTD.), two subsidiaries and Six Marketing Offices (KMOs), located at Ahmedabad, Bengaluru, Kolkata, Chennai, Delhi, and Mumbai. KELTRON is the first State Electronics Development Corporation in India, fully owned by the Government of Kerala. KELTRON is incorporated on 29th September 1972 under Companies Act, 1956 with its registered office at Keltron House, Vellayambalam, Trivandrum – 695 033. KELTRON is the Total Solution Provider for the Government of Kerala.

Today, KELTRON products/ projects remain as icons of technology brought to benefit the people. As diverse as its products and their uses are, they are unified by its pivotal strength as a solutions provider. It is this philosophy that has made KELTRON a vital contributor to the changing needs of the world and the community to which it belongs to, during the last 42 years. Continuing in its quest to bring the benefits of frontier technology to its customers, KELTRON has forged strategic alliances with world leaders in the trade. Its focus today is in adapting technology to fulfil the needs of its customers with a renewal mission to emerge as a provider of better solutions for the future. KELTRON's major products are Electronic Components, Security and Surveillance Systems, Strategic Electronics, Intelligent Transportation systems, Automatic Traffic Regulating System, Power Electronics, Information Technology Solutions, Process Automation Systems, Project Consulting etc.

KELTRON's strategic vision is to become a world-class, growth-oriented electronics corporation specialized in providing quality, market-focused products, services and cost-effective system solutions to a large clientele. Company aims to achieve a turnover level of Rs.2000 Crores within the next 5 years.

##### **2. PROJECT**

KELTRON has been undertaking various projects for **Supply, Installation, Testing and Commissioning, Annual Maintenance Contracts of Road Traffic Signals on Pan India basis. For our new project, we are looking for Contractors to undertake Civil & other associated Works** as per the scope of work mentioned in Sl. No. 4 and is looking for a suitable 'Contractor' who has got expertise and experience in **Civil & other associated Works for Installation of Road Traffic Signals.**

### 3. OBJECTIVE:

KELTRON proposes to appoint a ‘Contractor’ with proven professional track record and experience in **Civil Engineering & other associated Works for installation of Road Traffic Signals**. With this Request for Qualification through website, **KELTRON invites bids** from interested Parties (“Bidders”) to work as ‘Contractor’ to perform the indicative Scope of Work illustrated under Section 4 (Scope of work) of the E-Tender document.

The E-Tender document can be downloaded from the website at <https://www.keltron.org>

### 4. SCOPE OF WORK:

#### **Undertaking Civil & other associated Works for Installation of Road Traffic Signals as detailed below at our various project locations**

- Sealing of controller with bitumen / foam for achieving IP 55 protection.
- Installation & commissioning of Non ATC Traffic Signal Controller Including all Fittings on PCC foundation. (Excluding PCC foundation).
- Removal of NON ATC signal controller from foundation or pole
- Installation & Commissioning of Countdown Timer for Non ATC Signal Junctions
- Removal of Countdown Timer from Pole as specified
- Laying of single 120mm (OD)/ 103.5 mm (ID) double walled corrugated High Density Poly Ethylene (HDPE) Pipes including pull wire along with necessary sockets, couplings etc. and as per drawing.
- Laying and joining 160mm dia (OD) HDPE pipes of PE-80 Grade and PN-6 with Butt.
- Laying 50 mm (OD)/ 37mm (ID) double walled corrugated High Density Poly Ethylene (HDPE) Pipes including pull wire along with necessary sockets, couplings etc. as per drawing
- Removal of Traffic Signal Straight Pole with accessories i.e. Signal Aspects, CDT’s, G. I Pipe and Junction Box.
- Removal of Traffic Signal Cantilever Pole with extension arm for Camera pole assembly with accessories i.e. signal aspects, CDT’s, G. I Pipe, Junction Box and VDC Camera.
- Installation and commissioning of new type LED Cantilever traffic signal pole including transportation from BMC depot to signal location (excluding foundation)
- Removal of Cantilever arm of new type LED Cantilever traffic signal pole
- Installation and commissioning of Power supply box
- Removal / Dismantling of existing power supply box (M S/ SS).
- Installation of Polycarbonate LED’s signal aspect of 300 mm dia. On standard traffic signal straight pole.
- Installation of Polycarbonate LED’s signal aspect of 300 mm dia. On standard traffic signal Cantilever pole
- Removal of Polycarbonate LED signal aspect of 300mm dia on standard traffic signal Straight pole.
- Removal of Polycarbonate LED signal aspect of 300mm dia on standard traffic signal Cantilever pole.
- Laying of signal cables (all types including communication cables with multi pairs as described above) in trenches, existing ducts/G I Pipes including ferruling, testing etc. but excluding any cable joint, excavation etc.
- Re-Laying of signal cables (all types including communication cables with multi pairs as described above) in trenches, existing ducts/G I Pipes including ferruling, testing etc. but excluding any cable joint, excavation etc.
- Supply of Cable Joining Kit and joining of 1 Sq.mm. 8 core copper conductor control cable.
- Supply of Cable Joining Kit and joining of 1 Sq.mm. 16 core copper conductor control cable.
- Supply & application of primer to the road traffic signal controller foundation two coats as

- per technical specification.
- Supply & application of yellow & purple coloured strips to the controller foundation of road traffic signal controller as per technical specification and drawing on RT.14.2
  - Supply & painting of junction name, junction number, no sticking of bills with black paint to the road traffic signal controller foundation of MS Material as per technical specification and drawing no. RT.14.2 & RT.14.3
  - Painting Junction Number, Meter Number/ Consumer Number etc. with black paint to the road traffic signal controller, power supply box of MS material as per technical specification.
  - Supply and painting of yellow coloured circle on straight poles and cantilever poles as per technical specification and drawing no. RT.14.5 and RT.14.6
  - Supply and painting of pole numbers to the road traffic signal poles in the yellow circle with black paint as per technical specification and drawing no. RT.14.5. & RT.14.6
  - Excavation of trench for traffic signals and VMS boards cables and conduiting as per requirement of the signal junction up to the depth of 1000mm below the ground surface and width 500mm in the **Carriage way** (Asphalt/ Mastic Asphalt/ paver block) including refilling of the trench in carriage way and removal of debris as per the BMC guidelines.
  - Excavation of trench for traffic signals and VMS boards cables and conduiting as per requirement of the signal junction up to the depth of 1000mm below the ground surface and width 500mm in the Carriage way (**Cement Concrete**) including refilling of the trench in carriage way and removal of debris as per the guidelines.
  - Excavation of trench for traffic signals and VMS boards cables and conduiting as per requirement of the signal junction up to the depth of 600mm below the ground surface and width 500mm in the **footpath/soft soil** including refilling of the trench in footpath and removal of debris as per the guidelines.
  - Cutting of two rows RCC/PQC carriageway slabs up to slab depth by special RCC Cutting machine (**Diamond Cutter**) for laying duct with double cut.
  - Excavation of reinforced Or pavement grade concrete M-20 and above by using modern machinery (Poclain with rock breaker etc.) including with stacking of excavated material within 150m radius etc. complete up to any depth as specified & as directed by the engineer.
  - Excavate and install brick built or equivalent sectional chamber to be 450mm (L)X 450mm (B) X 600 mm(D) to tie into proposed 120 mm ducts/65mm G.I. Pipe in footpath include permanent reinstatement and backfill material as per technical specification and drawing RT.14.17
  - Excavate and install brick built or equivalent sectional chamber to be 560mm (L)X 450mm (B) X 600 mm(D) to tie into proposed 120 mm ducts/65mm G.I. Pipe in footpath include permanent reinstatement and backfill material as per technical specification and drawing RT.14.19
  - Erecting straight pole in pole foundation of concrete M20 grade circular in shape of depth 1.3m below and/or above ground level having dia. Of 300mm only, as per technical specification and drawing RT.14.26
  - Construction of signal controller foundation up to 600mm height above ground level and 600 mm below ground level on C.C. M20 grade pedestal, having size (LXBXH) with fixing of SS304 nut bolts for controller cabinet & Power supply box cabinet as per technical specification and drawing Rt. 14.30 etc. complete
  - Construction of foundation for new type LED Cantilever traffic signal pole including foundation bolts as per technical specification and drawing.
  - Installation & Testing Chemical earthing which includes Chemo MF Earthing electrodes field with SSC compound, seal from both the end having dia. 80 mm length 1000mm, terminal 50 \* 6 mm, MOC-SDGI with soil resistivity improvement powder with moister booster compound by manually digging process fixing of FRP earthing chamber cover, connection of earthing Pit to grip with each other & accessories i.e. cables, lux, nuts, bolts, GI strips (25X3) 1 mtr. etc. as directed by engineer.
  - **The civil contractor should provide necessary tools & equipment's and materials for attending damage complaints on 24X7 basis.**
  - The work to be carried out with proper tools & equipment's with required manpower.
  - Transportation of poles, cables, pipes, chamber frames & covers and loading & unloading of

the same from godown to site under the Contractors scope.

- Scrap from the site to be delivered to our godown under your scope.
- Barricades to be erected at the sites prior to start of the work as per the directives of Keltron Engineer/BMC engineer.

## 5. E-TENDER PREPARATION

1. Bidders shall provide the solution, in its entirety to Keltron.
2. Bidder shall submit the E-Tender in the application form provided as “Form-B”.
3. Bidder shall submit the E-Tender along with a covering letter as per “Form-A”.
4. Bidder shall submit the E-Tender in sealed envelope with “EXPRESSION OF INTEREST FOR “CONTRACTOR” written on top, containing one (1) hard copy in original and three (3) photo copies (“Printed Documents”) along with the entire required Appendix in the order provided in the table of enclosures.
5. Bidder shall note that it shall submit the duly filled E-Tender format and covering letter as mentioned above along with all the supporting documents in hard copy form as well in soft copy through email to [kelmumbai@gmail.com](mailto:kelmumbai@gmail.com).
6. Hard copy of the documents submitted in the tender should reach **KELTRON, 102-A, Poonam Chambers, Dr. A.B. Road, Worli, Mumbai – 400 018** on or before **13/04/2026 by 3.00 PM**. KELTRON will not be responsible for or accept as a valid reason any postal delay or non-receipt/non-delivery of the tender.
7. Any deviation from the prescribed format mentioned in the exhibits will make the bid liable for rejection. Bids incomplete in any respect or not providing adequate information will also be ground for rejection.
8. If the Bidder conceals any material information or makes a wrong statement or misrepresents facts or makes a misleading statement in the tender, in any manner whatsoever, in order to create circumstances for the acceptance of its tender, KELTRON reserves the right to reject such tenders. KELTRON shall have no liability to any person for excluding or rejecting any such bid.
9. KELTRON reserves the right to accept or reject any tender or to annul the bidding process and reject all tenders at any time, without assigning any reasons thereof and KELTRON shall not entertain any claim whatsoever on this account. The Bidder shall have no claim on KELTRON in case his E-Tender is rejected or the bidding process is annulled.
10. Participants requiring any clarification on the E-Tender may notify KELTRON in writing or by e-mail to the ID : [kelmumbai@gmail.com](mailto:kelmumbai@gmail.com)
11. KELTRON reserves the right to distribute the work in part or in full to the Partner/s selected through this E-Tender.
12. KELTRON shall endeavor to respond to the questions raised or clarifications sought by the Participants. However, KELTRON reserves the right not to respond to any question or provide any clarification, in its sole discretion, and nothing in this Clause shall be taken or read as compelling or requiring KELTRON to respond to any question or to provide any clarification.
13. KELTRON may also on its own motion, if deemed necessary, issue interpretations and clarifications to all Participants. All clarifications and interpretations issued by KELTRON shall be deemed to be part of the E-Tender. Verbal clarifications and information given by KELTRON or its employees or representatives shall not in any way or manner be binding on KELTRON.

## 6. Tender Fees & EMD:

Tender fees of Rs.1,000/- & EMD of Rs. 35,000/- to be submitted along with the tender in the form of **Demand Draft favoring “Kerala State Electronics Development Corporation Limited” Payable at Mumbai**

## 7. ELIGIBILITY CRITERIA

1. Bidder should be an Indian Company registered under Companies Act 1956, Partnership Firm or Sole Proprietorship firm.
2. Bidder should not have been debarred / black listed by any Government, Semi- Government organizations in India, Public Sector Undertakings of the Centre or State Governments.
3. The Bidder should have the competency for Implementing the solution <**Civil Engineering & associated Works for Installation & Maintenance of Road Traffic Signals**> and should have experts in the roll.

Sl. No.	Eligibility Criteria	Supporting doc
1	The Bidder shall be a Government Organization/PSU/PSE or a Public / Private Limited company/Partnership Firm/ Consortium with maximum of 3 Partners / or Proprietary Firm	COI, Partnership Deed, Consortium Copy, Declaration on letterhead regarding proprietorship.
2	The bidder shall be in existence for at-least 5 years as on date of the RFP.	Registration Doc, COI, MOA, Deed
3	The bidder shall have never been blacklisted / barred / disqualified by any regulator / statutory body.	Self-declaration
4	The bidder shall have experience of executing similar works with Brihanmumbai Municipal Corporation (BMC) - Civil & other traffic signal installation & maintenance Works for projects with a value of more than 50 Lakhs	Work Order & Completion Certificate.
5	The bidder shall have minimum average annual turnover of INR 1 Crore in last 3 years.	Certificate from CA Mentioning the Average Annual turnover along with Audited Balance sheet and P&L
6	The bidder shall have positive net worth for the each of last 3 years	Balance sheet, P&L, CA Certificate
7	The bidder should have P.F. and E.S.I Registration.	P.F. & E.S.I Registration Certificate

## 8. EVALUATION of E-Tender

1.1 The SBU/KMOs will constitute an Evaluation Committee to evaluate the responses of the Participants as per the Evaluation Methodology.

The Evaluation Committee constituted shall evaluate the responses to the E-Tender and all supporting documents & documentary evidence. Inability to submit requisite supporting documents or documentary evidence, may lead to rejection of the E-Tender response. The Committee may seek additional documents as it deems necessary, at its discretion.

1.2 E-Tender evaluation will be carried out considering the information furnished by Bidders as prescribed under covering letter and Application form for E-Tender. The Bidder must fulfil the minimum qualification requirements as mentioned in Section -6 (Eligibility Criteria). KELTRON intends to conduct the bidding process for the selection of the Contractor based on a Competitive Two Stage Bidding Process-

- a) In the first stage, KELTRON intends to qualify bidders who meet the Qualification Requirements detailed in Section -6 (Eligibility Criteria) of this E-Tender and declare them as Qualified Bidders and
- b) In the second stage the financials will be evaluated and L1 amongst the qualified bidders will be identified and L1 bidder will be selected.
- c) KELTRON will intimate the outcome of the E-Tender evaluation in due course. The decision of KELTRON in this regard shall be final and binding on all bidders. After identification of the successful Bidder, KELTRON intends to execute an Agreement/SLA with the successful Bidder, thus concluding the process of appointing a Contractor.

1.3 Notwithstanding anything stated above, KELTRON reserves the right to assess Bidder's capability and capacity to perform along with quality of execution by the bidder based on field visit and feedback, in the overall interest of KELTRON.

1.4 The decision of the Evaluation Committee in the evaluation of responses to the E-Tender shall be final. No correspondence will be entertained outside the evaluation process of the Committee.

- a. The Evaluation Committee reserves the right to reject any or all responses.

## **9. OWNERSHIP OF THE E-Tender**

The bidder shall submit all the documents given in Form C.

- i. Without affecting any intellectual property rights, which may exist in a response to this E- Tender, all responses submitted will become the property of KELTRON. Without limiting this section, KELTRON reserves the right to copy and reproduce, for KELTRON's own internal use, responses for the purposes of evaluation, clarification, negotiation and/or contract execution and anything else related to these purposes. In addition, the KELTRON will retain copies (soft and hard) of all responses, evaluation, negotiation or such other materials as are required for the discharge of its legal obligations and in order to efficiently and effectively manage any contract entered into with a Bidder.
- ii. KELTRON reserves the right to change, modify, add, alter the E-Tender document or cancel the bidding process without assigning any reasons thereof, at any time during the bidding process. The bidding process shall end with signing of the Agreements. Any such change shall be notified in Keltron web site.
- iii. Notwithstanding anything stated above, KELTRON shall not be responsible or liable for non-receipt of any such change/notice by bidder. The bidder or any third party shall not object to such changes/modifications/ additions/ alterations explicitly or implicitly. Any such objection by the bidder shall make the bidder's proposal (at tendering stage, RFP stage and/or financial proposal Evaluation stage) liable for rejection by KELTRON. Further objection by any third party shall be construed as infringement on confidentiality and privileged rights of KELTRON with respect to this document.

## **General Terms & Conditions of the PO Applicable for the Selected Partner**

### **10. INSPECTION AND TESTS**

- i) KELTRON or its authorized representative shall have the right to inspect the works done / test the materials used at the site for execution of the work in order to confirm the standards as per the contract. KELTRON shall notify the contractor in writing of the identity of the representative retained for this purpose.
- ii) Should any inspected / tested goods fail to conform to the specifications, KELTRON may reject them and the contractor shall replace/ modify the rejected goods or make all alternatives necessary to meet the specification requirements free of cost to KELTRON.
- iii) Materials are subject to inspection by KELTRON before dispatch / implemented. The materials may also be subject to stage inspection by a third party nominated by our client for the purpose. Final inspection shall however be carried out at the site. Nothing in these documents shall in any way release the contractor from any warranty or other obligations under this contract.

### **11. OTHER TERMS & CONDITIONS**

1. **Performance Security:** The selected vendor has to **submit performance security deposit for 5% of the PO/WO value in the form of Demand Draft /RTGS towards Performance Security within 7 days of PO.** The same shall be returned after the work completion and receipt of satisfactory completion report from the end customer. **No Interest shall be paid for the same. :**

**The bank details** are as follows

- Account Name : Kerala State Electronics Development Corporation Limited
  - Bank Name : State Bank of India
  - Branch Name : Shivsagar Estate Branch, Worli, Mumbai - 400018
  - A/c Number : 10251614034
  - IFSC Code : SBIN0001154
- 
- **Employees Assignment:** The Contractor shall be liable for deputing skilled workers - Technicians, Supervisors, Engineers & other required staff as per the requirement of the project.
  - **Labour and other Laws:** The Contractor shall comply in all respects and also ensure that all persons assigned for the project comply with all the statutes, ordinance regulation of the Government or any local authority thereof applicable to the contractor and his personnel in the performance of the work under this work including not limited to labour laws, contract labour (Regulations and Abolition) Act, Minimum Wages Act etc.
  - **Labour License:** The Contractor is required to obtain labour licence from Assistant Commissioner of Labour (Central) concerned under the Contract Labour (Regulation and Abolition Act 1970) and the contract labour regulation central rule 1971 before commencement of work.
  - **Taxes:** GST included. The billing to be done for customer with applicable GST. Hence billing from the Contractor side should also be with applicable GST.
  - **Commencement of Job/Services:** Any work i.e. digging trenches, laying cables, accessing

offices etc. should have prior written approval from KELTRON.

- Responsibility: The Contractor shall be responsible for the safe custody of all equipment, tools, and hardware materials etc. in transit and available at site. The Contractor shall be responsible for any damage or loss suffered by KELTRON due to mishandling or negligence by you or your team.
- All other terms and condition as per the tender document shall be applicable.
- Force Majeure: Any failure to carry out the provision of this agreement shall not give rise to any claims by the owner or company one against the other, if such failures are arising due to natural calamities such as fire, floods, lightning, earthquake, hurricane or civil strikes, lockouts and strikes, riots, or forms any police or other reason beyond the control of the parties including war (whether declared or not), civil war or state of emergency.
- In the event of any dispute as to whether the damage is caused by mishandling or operation of problems etc. KELTRON's decision will be based on the joint report of the KELTRON's engineer and our Clients representative shall be final and binding.
- Any dispute, controversy or claim or difference of any kind whatsoever arising between KELTRON and the Contractor, out of or in relation to this agreement or any related agreement or other document or the validity, interpretation, breach or termination thereof ("Dispute"), including claims shall be redressed or settled amicably by both the Parties through discussion. If the dispute is not settled within 30 days of such dispute the aggrieved Party shall approach the Law Courts in Trivandrum, KERALA after giving due notice to the other Party.

## **12. INDEMNITY BOND & INSURANCE POLICIES**

Insurance of the personnel being deputed for duty shall be borne by the Contractor. A copy of the insurance policies taken by the Contractor for man & material may be submitted to our office located at Mumbai.

## **13. SAFETY AND SECURITY**

The Contractor's persons shall comply with safety and security rules and regulations and other rules laid down by our client. It shall be the duty / responsibility of the Contractor to ensure the compliance of fire, safety, security and other operational rules and regulations by his Technicians.

## **14. PAYMENT TERMS**

- **Payment and Penalties shall be On Back to back basis. The Payment shall be made to the Contractor Only upon receipt of payment by KELTRON from the end Costumer. This is for strict compliance.**
- If TDS exemption certificate is submitted by the Contractor, then TDS shall not be deducted from the Contractors bills. If any percentage of our invoice value from each invoices are withheld by end customer, the same shall be deducted from the Contractor. On receipt of retention money from the end customer, we shall refund the deducted amounts from Contractors bills. SECURITY DEPOSIT, TDS, LD OR ANY OTHER DEDUCTIONS BY CUSTOMER SHALL BE DEDUCTED FROM SELECTED PARTY.

- **Payment w.r.t. GST shall be refunded only after ensuring the input TAX credit in GST portal.**

## **15. PENALTY FOR FAILURE TO EXECUTE WORK ON TIME**

As per the master RFP penalties shall be levied for failure to execute the work on time. The period of completion stipulated in the purchase order shall be deemed to be the essence of the contract and delivery of the stores must be completed by the date specified. No material should be supplied / works carried out beyond the specified delivery period, unless specific approval has been obtained from KELTRON. In the event of failure to complete the work within the stipulated date/period in accordance with dates mentioned in the supply order, and in the event of breach of any terms and conditions mentioned in the supply order, KELTRON reserves the right to:

1. To recover from selected partner as agreed liquidated damages, a sum not less than 0.5% (Half Percentage) of the price of the stores which selected partner has not been able to supply (for this purpose part of a unit supplied will not be considered) as aforesaid for each week or part of a week during which the delivery of such stores may be in arrears limited to 10%. Where felt the limit of 10% can be increased to 15% at the discretion of the Head of KELTRON, Mumbai Branch.
2. To cancel the entire order or a portion thereof, and if so desired to extend the completion period with or without penalty as may be considered fit and proper. The penalty, if imposed shall not be more than the agreed liquidated damages referred to in clause (a) above.
3. To forfeit the security deposit full or in part.
4. Whenever under the contract a sum of money is recoverable from and payable by the Contractor, KELTRON shall be entitled to recover such sum by appropriating, in part or whole by deducting any sum or which at any time thereafter may be due to selected partner in this or any other contract with KELTRON or any subsidiary of KELTRON. Should this sum be not sufficient to cover the full amount recoverable, selected partner shall pay KELTRON on demand the remaining amount. The contractor shall not be entitled to any gain under this clause.

## **16. TERMINATION OF CONTRACT**

If the contract is not completed within the stipulated period, KELTRON reserves the right to terminate the contract and to get the order completed from alternate sources at the risk, responsibility and cost of selected partner. KELTRON shall notify selected partner in case of poor performance / progress. In case corrective measures are not taken by selected partner to improve upon the performance within 7 (Seven) days from the date of issue of such notice. KELTRON shall have the right to terminate the contract either in full or part and get the work completed by another agency. Extra cost incurred in the process of termination and getting the job done by other source will be recovered from selected partner from their Security deposit or pending bills. KELTRON shall have the right to terminate the contract due to commission of any illegal act or causing breach of security by selected partner or any of their men and agent, at the risk, cost and liabilities of KELTRON. This contract shall also be terminated by KELTRON in the event of declared bankruptcy of selected partner. Any decision will be taken only after mutual discussion and action if necessary, after completion of allotted 7 (Seven) days for taking corrective measures.

/-----/

## BILL OF QUANTITY

Sr. No.	Description	Unit	Qty.	Unit Rate	GST	Total Price including GST
1	Sealing of controller with bitumen / foam for achieving IP 55 protection.	Nos	1			
2	Installation & commissioning of Non-ATC Traffic Signal Controller Including all Fittings on PCC foundation. (Excluding PCC foundation).	Nos	1			
3	Removal of NON-ATC signal controller from foundation or pole	Nos	1			
4	Installation and commissioning of countdown timer for non-ATC Signal Junctions	Nos	1			
5	Removal of countdown timer from pole as specified	Nos	1			
6	Laying of single 120mm (OD)/ 103.5mm (ID) double walled corrugated High Density Poly Ethylene (HDPE) Pipes including pull wire along with necessary sockets, couplings etc. and as per drawing no. RT-NATC-3.2A & RT-NATC-3.2B	Mtr.	1			
7	Laying and Jointing 160 MM Dia (OD) HDPE Pipes Of PE-80 Grade and PN-6 Class With Butt	Mtr.	1			
8	Laying 50 mm (OD)/ 37mm (ID) double walled corrugated High Density Poly Ethylene (HDPE) Pipes including pull wire along with necessary sockets, couplings etc. as per drawing no. RT-NATC-3.2A & RT-NATC-3.2B	Mtr.	1			
9	Removal of Traffic signal straight pole with accessories i.e. Signal aspects, CDTs, GI Pipe and Junction Box	Nos.	1			
10	Removal of Traffic signal cantilever pole with extension arm or camera pole assembly with accessories i.e. Signal aspects, CDTs, GI Pipe Junction Box and VDC Camera	Nos.	1			
11	Installation Commissioning of New type LED cantilever Traffic Signal pole including Transportation from BMC Depot to signal location (excluding Foundation)	Nos.	1			
12	Removal of Cantilever arm of New type LED cantilever Traffic Signal pole	Nos.	1			
13	Installation & commissioning of power supply box.	Nos.	1			
14	Removal / dismantling of existing power supply box (M.S./S.S.)	Nos.	1			
15	Installation of Polycarbonate LED Signal aspect of 300 mm dia. on standard traffic signal straight pole	Nos.	1			
16	Installation of Polycarbonate LED Signal aspect of 300 mm dia. On standard traffic signal	Nos.	1			

	cantilever Pole					
17	Removal of Polycarbonate LED Signal aspect of 300 mm dia. on standard traffic signal straight pole	Nos.	1			
18	Removal of Polycarbonate LED Signal aspect of 300 mm dia. On standard traffic signal cantilever Pole	Nos.	1			
19	Laying of signal cables (all types including communication cables with multi pairs as described above) in trenches, existing ducts / G.I. Pipes including ferruling, testing etc. but excluding any cable joint, excavation etc.	Mtr.	1			
20	Relaying of signal cables (all types including communication cables with multi pairs as described above) in existing trenches, ducts / G.I. Pipes including ferruling, testing etc. but excluding any cable joint, excavation etc.	Mtr.	1			
21	Supply of cable jointing Kit and joining of 1.5 Sq.mm. 8 core copper conductor control cable	Nos.	1			
22	Supply of cable jointing Kit and joining of 1.5 Sq.mm. 16 core copper conductor control cable	Nos.	1			
23	Supply & application of primer to the Road Traffic Signal Controller foundation two coats as per technical specification.	Nos.	1			
24	Supply & application of the yellow & purple colored strips to the Controller foundation of Road Traffic Signal Controller as per technical Specification and drawing no. RT.14.2	Nos.	1			
25	Supply & painting of Junction Name, junction Number, no sticking of bills with Black Paint to the Road Traffic Signal Controller cabinet of M.S. material as per Technical Specification and drawing no. RT.14.2 & RT.14.3.	Nos.	1			
26	Painting Junction Number, Meter Number/ consumer number etc. with Black Paint to the Road Traffic Signal Controller Power supply box of M.S. material as per Technical Specification	Nos.	1			
27	Supply & painting of yellow coloured circles on straight poles & cantilever poles as per technical specification and drawing no. RT.14.5 & RT.14.6.	Nos.	1			
28	Supply & Painting of pole numbers to the Road Traffic Signal poles in the yellow circle with black paint as per technical specification and drawing no. RT.14.5 & RT.14.6.	Nos.	1			
29	Excavation of trench for traffic signals and VMS boards cables and conduiting as per requirement of the signal junction up to the depth of 1000mm below the ground surface and width 500mm in the Carriage way (Asphalt/ Mastic Asphalt/ paver block) including refilling of the trench in carriage way and removal of debris as per the BMC guidelines.	Cum	1			

30	Excavation of trench for traffic signals and VMS boards cables and conduiting as per requirement of the signal junction up to the depth of 1000mm below the ground surface and width 500mm in the Carriage way (Cement Concrete) including refilling of the trench in carriage way and removal of debris as per the BMC guidelines	Cum	1			
31	Excavation of trench for traffic signals and VMS boards cables and conduiting as per requirement of the signal junction up to the depth of 600mm below the ground surface and width 500mm in the footpath/soft soil including refilling of the trench in footpath and removal of debris as per the BMC guidelines	Cum	1			
32	Cutting of two rows RCC/PQC carriageway slabs upto slab depth by special RCC Cutting machine (Diamond Cutter) for laying duct with double cut	Mtr.	1			
33	Excavation in reinforced OR pavement grade concrete M-20 & above by using modern machinery (poclain with rock breaker, etc.) including with stacking of excavated material within 150 m radius etc. complete upto any depth as specified & as directed, by the Engineer.	Cum	1			
34	Excavate and install brick built or equivalent sectional chamber to be 450mm (L) X 450mm (B) X 600 mm(D) to tie into proposed 120 mm ducts/ 65mm G.I. Pipe in footpath include permanent reinstatement and backfill material as per BMC technical specification and drawing no. RT.14.17.	Nos.	1			
35	Excavate and install brick built or equivalent sectional chamber to be 560mm (L)X 450mm (B) X 600 mm(D) to tie into proposed 120 mm ducts/ 65mm G.I. Pipe in footpath include permanent reinstatement and backfill material as per BMC technical specification and drawing no. RT.14.19	Nos.	1			
36	Erecting straight pole in pole foundation of concrete M20 grade circular in shape of depth 1.3m below and/or above ground level having dia. Of 300mm only, as per technical specification and drawing no. RT-14.25	Nos.	1			
37	Erecting cantilever pole in pole foundation of concrete M20 grade circular in shape of depth 1.3m below and/or above ground level having dia. Of 450mm only, as per technical specification and drawing no. RT-14.26	Nos.	1			
38	Construction of signal controller foundation upto 600mm height above ground level and 600 mm below ground level on C.C. M20 grade pedestal, having size (LXBXH) with fixing of SS304 nut bolts for controller cabinet & Power supply box cabinet as per BMC technical specification and drawing no. RT- 14.30 etc.	Nos.	1			

	complete					
39	Construction of foundation for New type LED cantilever Traffic Signal pole including foundation bolts as per technical specification and drawing	Nos.	1			
40	Installation & Testing Chemical earthing which includes Chemo MF Earthing electrodes field with SSC compound, seal from both the end having dia 80 mm length 1000mm, terminal 50 * 6 mm, MOC-SDGI with soil resistivity improvement powder with moister booster compound by manually digging process fixing of FRP earthing chamber cover, connection of earthing Pit to grip with each other & accessories i.e. cables, lux, nuts, bolts, GI strips (25X3) 1 mtr etc. as directed by engineer	Nos.	1			

**NOTE: - 1) The Quantities mentioned are only estimates. The quantities may vary according to the site conditions.**

**2) The eligible bidders shall be compare for total rate quoted (Including GST) and the project will be awarded to the L1 Bidder.**

## **Part B**

**Kerala State Electronics Development Corporation Limited Keltron House,  
Vellayambalam, Thiruvananthapuram 695 033**

**Application for selecting a Contractor through E-tender**

1	Name of the Company/firm	
2	Registered office address with phone number , e-mail id and web address:	
3	Date of Incorporation & Corporate Identity Number (CIN)	
4	Pan number of the Company /firm:	
5	Authorized capital:	
6	Paid-up /working capital	
7	Turnover for the last 3 years	For the year..... Rs..... For the year..... Rs..... For the year..... Rs.....
	Income Tax Clearance Certificate	
8	Name of Managing Director with DIN	
9	Names of directors with DIN: (attach separate sheet, if required)	
10	Factory address with phone number and e-mail id:	
11	Industrial licence no. & Date of Establishment.	

12	GST Registration No & Date. (Enclose copy of relevant Certificates.)	
13	<b>Details Of The Factory:</b> a) Land & Building: owned or leased	
	b) Main items of machinery/equipment & test/inspection facilities available (Attach Separate Sheet, if required)	
14	<b>Man Power Strength:</b>  A) Technical: Key technical personnel qualification and experience in relevant field	
	B) Non-technical:	
15	List of products manufactured/ Solution offered	
16	If ISO certified or having any other certification, mention the standards (Attach separate sheet if required) (Enclose copy of relevant Certificates.)	
17	Bankers Name and Address	
18	Collaboration and technical know-how agreement with foreign firms if any? if “yes”, give details	
19	Addresses of contact person(s) with phone number and e-mail id:	
20	General remarks: (give any observations not already covered)	

**DECLARATION**

1. I do hereby declare that the entries made in this application form are true and correct to the best of my knowledge.

2. I also undertake the responsibility that all subsequent changes in the constitution or working of the firm, affecting the accuracy of the answers now given in this application form will be promptly communicated to KELTRON.

FOR .....

**PLACE:**

**(SIGNATURE OF AUTHORISED SIGNATORY)**

**DATE:**

**DESIGNATION:**

**(OFFICE SEAL)**

Sl. No.	Appendix	Details
1	APPENDIX 1	A) True Copy of Board Resolution/ B) Power of attorney for the proposed signatory of the Agreement attested by Managing Director or any other competent authority of the Company/Firm, (other than the proposed signatory). [formats attached ]
2	APPENDIX 2	Certificate of Incorporation Certificate
3	APPENDIX 3	Industrial Registration Certificate
4	APPENDIX 4	GST registration Certificates
5	APPENDIX 5	PAN Card
6	APPENDIX 6	ISO,-----, -----certificates
7	APPENDIX 7	Type approval certificates
8	APPENDIX 8	Latest Audited Balance Sheet and Profit & Loss A/c Statement.
9	APPENDIX 9	Tie-up agreement (s)/contract (s).
10	APPENDIX 10	Profile of the Company/Firm.
11	APPENDIX 11	Credentials: Work order, work completion certificates etc
12	APPENDIX 12	Affidavit for not being black listed by any Govt/Semi Govt/PSU or any other organizations. [format attached]

**Appendix 1(A)**  
**RESOLUTION**  
*[In the case Company]*

CERTIFIED TRUE COPY OF THE RESOLUTIONS PASSED AT THE MEETING OF THE BOARD OF DIRECTORS OF M/S ----- HELD AT ITS REGISTERED OFFICE ON THE -- DAY OF -----, 2026 AT ----- AM

Resolved that the Company be and hereby authorized to sign MOU/Agreement with M/s. Kerala State Electronics Development Corporation Limited, a company registered under Companies Act 1956 having its registered office at Keltron House, Vellayambalam, Trivandrum-695 033, herein after referred to as KELTRON.

Further resolved that Mr. .... [Name]----- [Designation] of the Company be and is hereby authorized to submit documents, Sign and Execute Agreements/Contracts/deeds etc. on behalf of the Company as may be desired by M/s. KELTRON, in the regard.

Further certified that the above is a true and certified copy of the Resolution Passed on ..... at a meeting of the Board of M/s. ...., and that is has been entered in the usual course of business in the Minutes book of the company and signed therein by the Chairman of the meeting of Company and is in accordance with the Memorandum and Articles of Association of the Company.

Further resolved that the Company do hereby agree and undertake to ratify and confirm all acts, deeds and things done bonafide by the said Executive as the Attorney of the Company by virtue of these presents.

For.....

Name:

Desgn:

**FORMAT FOR POWER OF ATTORNEY TO REPRESENT BIDDER**

*(To be on non-judicial stamp paper of appropriate value as per Stamp Act relevant to place of execution.)*

WHEREAS KSEDC (“KELTRON”) has Published E-Tender on \_\_\_\_\_, as amended from time to time, for bids in respect of ----- Know all men by these presents, We.....(name and address of the registered office) do hereby constitute, appoint and authorize Mr. / ..... (name and residential address) who is presently employed with us and holding the position of.....as our lawful attorney, to do in our name and on our behalf, all such acts, deeds and things necessary in connection with or incidental to our bid for the Project, including signing and submission of all documents and providing information / Bids to KELTRON, representing us in all matters before KELTRON, and generally dealing with KELTRON in all matters in connection with our bid for the said Project.

The attorney has been duly authorized and vested with requisite powers to submit and execute the aforesaid documents and do all things necessary for our bid to KELTRON.

We hereby agree to ratify all acts, deeds and things lawfully done by our said attorney pursuant to this Power of Attorney and that all acts, deeds and things done by our aforesaid attorney shall and shall always be deemed to have been done by us.

For \_\_\_\_\_

Name:  
Title:

(Office seal)

**Appendix 12**

*(To be printed on Rs.100/- non judicial stamp paper)*

**AFFIDAVIT FOR NOT BEING BLACKLISTED**

I, ----- [Name], s/o ....., aged .....years, residing at.....(Full postal address with PIN) does hereby solemnly affirm and declare on oath for and on behalf of M/s .....[Name of the company/Firm] a company registered under Companies Act 1956 / Partnership/ Proprietary Firm having its registered office at ..... [Full address with PIN] as under:

1. I am working in the said Company/Firm as ..... [Designation] at its office located at.....[office address] and is competent to depose on behalf of the Company/Firm
2. The Company/Firm has never been debarred / black listed by any Government / Semi Government organizations in India/Public Sector Undertakings of the Central and State Governments.

I do hereby solemnly affirm that the above statements are true and correct to the best of my knowledge and belief and nothing material has been concealed there from.

1. For and on behalf of M/s ..... [Name of the Company/Firm]

Verified on this ..... day of..... 2026

Deponent

Name:

Design:

[Office seal]