



## SMART CITY THIRUVANANTHAPURAM LIMITED

SCTL/RFQ/2020/03

Date: 05/06/2020

### Tender Notice

(Request for quotation for supply, installation, testing and commissioning of EV-Charger for E-Auto/Rickshaw in ABD area for Smart City Project)

As part of the Last mile connectivity of Smart City Project, a tender is hereby invited by Chief Executive Officer, Smart City Thiruvananthapuram Ltd. for **Supply Installation Testing Commissioning of EV-Charger for E-Auto/Rickshaw in ABD area for Smart City Project at different locations in Thiruvananthapuram City** as per terms & conditions mentioned below. The filled quotations along with all required document must reach in the office of the undersigned on or before **29/06/2020, 4.00pm**. The Envelope containing the Short tender would please be sealed and super scribed as under: -

**“Supply Installation Testing Commissioning of EV-Charger for E-Auto/Rickshaw in ABD are for Smart City Project at different locations in Thiruvananthapuram City”**

**1. Terms & Conditions:**

- A. Envelope should be super-scribed **“Supply Installation Testing Commissioning of EV-Charger for E-Auto/Rickshaw in ABD area for Smart City Project at different locations in Thiruvananthapuram City”**. The bids received after this deadline shall not be entertained under any circumstances whatsoever. In case of postal delay SCTL will not be responsible.  
*(Short Tender need to be submitted by speed post/registered post/by hand in sealed cover to the office of SCTL Thiruvananthapuram before the stipulated time period.)*
- B. Short Tender must be in the prescribed Performa and forwarding letter on the letter head of the firm duly signed by the Proprietor/ Partner/ Director or their authorized dealer.
- C. Rates must be quoted with respect to the prevailing domestic taxes as applicable. The rates must be quoted in figures as well as in words. Taxes if any extra may be separately mentioned.
- D. In general, no overwriting or cutting is permitted in the rate. If found, the quotation shall be summarily rejected.
- E. The rates quoted must be valid for **1-year** minimum from the date of award of work order.
- F. RTGS/NEFT details along with PAN details need to be furnished by the supplier with the Short Tender on the letter head of supplier/firm/agency.
- G. Any conditional quote in the quote shall be rejected blindly.
- H. **Delivery and installation**– Within **30 working days** of vendor selection without any additional cost for installation.



## SMART CITY THIRUVANANTHAPURAM LIMITED

- I. **Guarantee/Warranty Terms:** The equipment's/Instruments/Materials supplied by result of this Tender/supply order shall be of the best quality and workmanship and new in all respects and shall be strictly in accordance with or having better specifications and particulars contained /mentioned against each item in this Request for Quotation (RFQ). The seller guarantees that the equipment's / Instruments would continue to conform to the description and quality aforesaid for a period of 12 months from the date of delivery/installation of the said equipment's/Instruments/materials to the buyer. The warranty shall be comprehensive for the total project and in case on any faults the same be rectified without hindering the normal working of SCTL.
- J. **Payment Terms:** 100% after supply, installation and commissioning of EV-Charger at different locations along with submission of following documents by vendors to SCTL –
- Original G.S.T Bill, PAN of Firm/proprietor.
  - Installation/Inspection Report issued by the concerned department if applicable.
  - Warranty document.
  - Statutory deductions if any applicable will deducted at prevailing rates.
  - Performance Guarantee of 5% shall be retained till the Defect Liability Period as per relevant G.O.(P) No.429/15/Fin dated 28.09.2015.
- K. **Disputes:-** In the event of any dispute or disagreement arising between SCTL with regards to the interpretation of "Terms & Conditions" of this inquiry, the same shall be referred to the Chief Executive Officer, SCTL, Thiruvananthapuram whose decision will be final and binding upon the contractor.
- L. SCTL reserves the right to increase or decrease amount of work. Decision of Quantity of Equipment and instruments in the SCTL, Thiruvananthapuram will be final in this regard.
- M. SCTL, Thiruvananthapuram reserves the right to reject any Short Tender or part or the whole of inviting Short Tender process without assigning any reason. Decision of the SCTL, Thiruvananthapuram will be final in this regard.
- N. For any Queries, you may write to at [info@smartcitytvm.in](mailto:info@smartcitytvm.in)

-Sd-  
**Chief Executive Officer**  
**Smart City Thiruvananthapuram Ltd**

Encl.:

Annexure 1 (Format of Price Bid)  
Annexure 2 (General Requirement & Scope of Work)



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SMART CITY THIRUVANANTHAPURAM LIMITED

**ANNEXURE: 1**

**PRICE BID FORM**

To,  
The Chief Executive Officer  
4<sup>th</sup> Floor Felicity Square Building,  
Opp to AG Office, Statue Jn  
Thiruvananthapuram - 695001

Date:

Dear Sir,

1. I/We .....submitt the quotation for **Supply Installation Testing Commissioning of EV-Charger for E-Auto/ Rickshaw in ABD are for Smart City Projects at different locations in Thiruvananthapuram City at SCTL, Thiruvananthapuram.**
2. I/We thoroughly examined and understood terms & conditions of contract given in the enquiry document.
3. I/We hereby offer to supply at the following rates. I/We undertake that I/We are not entitled to claim any enhancement of rates on any account during the validity of rate.

Sl. No.	Product with Description	Unit	Quantity required	Price per unit	Taxes (incl all taxes)	Total Amount (incl Tax)	Total Amount (In Words)
(a)	(b)	(c)	(d)	(e)	(f)	(h)	(i)
1	Supply, Installation, Testing and Commissioning of Smart Pay enabled (with SCTL features) Bharath Charger AC 001 EV-charger suitable for charging 3 numbers of vehicle simultaneously. The output socket shall be 230V AC 16A female socket. There should be a friendly interactive touch display for customers with central monitoring system enabled. The charger shall have an IP55 and IK10 protection. with 1 Year Comprehensive On-Site Warranty. Payment facility and the payment platform and allied customer service shall be valid up to 1 year and later extended on mutual agreement.	Nos	1				



SMART CITIES MISSION

Ministry of Housing and Urban Affairs, Government of India

SMART CITY THIRUVANANTHAPURAM LIMITED

2	Providing, fixing, liaising metered connection from K.S.E.B.L including electrical connections from metering box to the EV charger point with earthing and protection.	Job	1				
3	Providing suitable cement concrete foundation with rain guard for fixing EV charger at various place in Smart City ABD area .	Job	1				
Name:- (Signature of Authorized Person)				Place:-			
Name of Firm/Company/Agency				Date :-			

**Note:**

1. Tentative amount is Rs.1.33 Lakhs for fixing one EV charger and allied works. It rate shall be rate contract valid for 1-year.
2. SCTL is considering Three locations for installing the EV-Charger in the ABD Area of SCTL.
3. The Location details shall be shared to the Lowest Bidder prior to commencement of work.

**(Designation)**

**Contact Details**



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## SMART CITY THIRUVANANTHAPURAM LIMITED

### **ANNEXURE: 2**

#### **General Requirement:**

1. The contractor shall supply the EV charger for charging 3 E-Auto (3KW) / E-rickshaw (2KW) simultaneously at the locations specified by SCTL.
2. Contractor shall provide metered supply connection in Liaising with KSEBL and to the charger. All the protection shall be as per KSEI norms (*The Liaising Fee shall be reimbursed on actual submission of Original Bill*).
3. The rate shall be valid for 1 year from issue of work order and the contractor shall be obliged to deliver further requirement without any escalation in price as required by SCTL. The rate shall inclusive of the payment gateway and the app based solution.

#### **Scope of Work:**

Supply Installation Testing Commissioning of the Smart Pay enabled EV Charger for E-Rickshaw (2 KW charger)/E-Auto (3 KW charger) at various sites in ADB area of Smart City.

#### **The EV Charger specifications:**

1. The Charger shall comply to BEVC-AC001, latest Indian Standards / IEC 60309, (*As per guidelines & standard in Order No. 12/2/2018-EV dtd 01.10.2019, Ministry of Power Government of India*). The charger shall be type tested by accredited by NABL. The charging station shall be in compliance with the technical and safety standards laid by CEA.
2. Three Phase Input supply and 3 numbers of single phase simultaneous charging output of 16A female sockets shall be provided. It shall be suitable to operate in humid/rainy conditions with ambient temperature of (-30°C to 55°C)
3. There shall be a user interactive display with a minimum size of 4.3 inches with Malayalam/English language. visual indication for charging, transaction error, fault etc. There shall be an emergency push button to turn the device off during emergency.
4. The Incomer of the charger shall be protected by a 40A RCBO with 100mA and the charger and metering panel shall be properly earthed with KSEI standards.
5. The Charger shall be Smart Pay enabled with provision to connect to Smart City Central Monitoring System which may be enabled in future.
6. Privilege based user Dashboard for monitoring (not limited to) the EV charging status, Power consumed, Amount used, Transaction details, vandalism detection, remote controlling of charging station, end user details, daily reporting etc. shall be continuously monitored and data to be obtained.



## SMART CITY THIRUVANANTHAPURAM LIMITED

7. Web or Mobile application for end user as well as administrator. End user should have facility to locate and know the availability of charging stations. Solution should have open API for seamless data exchange.
8. There shall have an Interface of Ethernet, 2G/3G/4G, OCPP (Open Charge Point Protocol).
9. Payment facility for users through QR code, RF card, Open loop card, UPI, BHIM, OTP based and any available payment methods. The payment platform and allied customer service shall be valid up to 1 year and later extended on mutual agreement.
10. Providing proper suitable cement concrete foundation with an aesthetic rain guard and proper reflective marking to ensure safety during night, for fixing EV chargers at various locations as required.