

16 Sept 2021

Smart City Thiruvananthapuram Limited

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<https://smartcityvm.in/>

Invitation
for
'EXPRESSION OF INTEREST'

INSTALLATION OF SMART STREET LIGHTS IN THIRUVANTHAPURAM CITY (ABD AREA) UNDER SMART CITY MISSION (SCM) IN THIRUVANANTHAPURAM CITY, (KERALA, INDIA)

EOI No: SCTL/PRJ/02

Issued Dt: 16.09.2021

Table 1: EOI Schedule

S.No.	Activity	Details
1	Period during which EOI document will be available for submission purpose	From 16/09/21 1030 Hrs. To 24/09/2021 1730 Hrs. IST
2	Last Date for Seeking clarifications from the authorized person in SCTL through e-mail	21/09/2021 1700 Hrs. IST
3	Closing Date and Time for Receipt of EOI (EOI Due Date)	On 25/09/21 1730 Hrs. IST. All details to be mailed to tenders.sctl@gmail.com .
4	Time and Date of Opening of EOI and presentation scheduled (Opening Date)	On 29/09/2021 15 30 Hrs. IST.
5	Contact Details of Authorized Person in SCTL	Chief Executive Officer E-mail: tenders.sctl@gmail.com

EXPRESSION OF INTEREST

The Smart City Thiruvananthapuram Limited (SCTL) is involved in execution of planning, implementation, operation and maintenance of infrastructure works including those involving new technology adoption and development and adoption of evolving technologies for developing Thiruvananthapuram as a smart city under Government of India Smart Cities Mission. This Expression of Interest (EOI) is floated by the Chief Executive Officer, Smart City Thiruvananthapuram Limited (SCTL), (Tender inviting Authority) to **Installation of Smart Street lights in Thiruvanthapuram (ABD area)** who have proven credentials within urban areas. This EOI is not a means to award the work to a prospective bidder but only meant to understand the market trends and latest technology in this segment. **EOI participation may also lead to shortlisting of prospective bidders for the tendering as per discretion of Tender Inviting Authority based on bid participation of vendors.**

1.To have automatic/manual control for single and group-controlled street lights, it should also have time adaptive automatic intelligent solution based on predefined schedules, real-time monitoring on the status of centralized controller as well as conditions of each light based on the street occupancy or street traffic. That means that users can control brightness and dim the lights according to the environment manually or let the system do pre-programmed automation.

2.Over all the system should be Intelligence based self-evaluating one to recommend maintenance and prevent the failure due to abnormal functioning. Decrease of consumption and increase of lamp's lifetime due to smart dimming after implementing of the project needs to be submitted by the successful vendor.

3.The faults shall be instantly sent to pre-programed mobile devices or computers via text message or email to Command Centre and the same shall be intimated to the Command Centre automatically.

4.All the reports and any other data records are to be safely stored and systematically arranged in Command Centre with proper encrypted protection and only authorized personnel can access the dashboard, any attempt of theft/ tampering shall be notified to the concerned official immediately in the Command Centre

5.The main objective of the Smart Street Light shall be to measure record the energy data statistics that can be used to further plan your consumption for individual lights and group of lights which needs to be send to the Command Centre along with suitable preventive maintenance if necessary. The system shall be able to calculate saving on money and energy along valuable feedback regarding the entire system

6.The suitable cable size shall be utilized for the interlinking between Smart Street Light Controllers and street lights.

Proposed Site's:



1	49	Kothalam Jn. To West Fort	0+000	0+520	520.00
2	50	Sreevaraham Jun-Kothalam Jun	0+000	0+210	210.00
3	51A	Taluk Office Road	0+000	0+429	429.00

4	51B	CharithraVeedhi_Taluk Office Road	0+429	0+549	120.00
5	46	Thamman Street	0+000	0+155	155.00
6	66	Road Inside Fort (Padma Nagar Road)-II	0+000	0+113	113.00
7	68	Road Inside Fort (Padma Nagar Road)-IV	0+000	0+084	84.00
8	48	Ayya Vadhiyar Road	0+000	0+150	150.00
9	56	Deekshitar Street	0+000	0+135	135.00
10	57	Kallampalli Street	0+000	0+150	150.00
11	65	Road Inside Fort (Padma Nagar Road)-I	0+000	0+270	270.00
12	67	Road Inside Fort (Padma Nagar Road)-III	0+000	0+158	158.00
13	90A	Dharmalayam Road	0+000	0+228	228.00
14	90B	Sreemoolam Road	0+000	0+248	248.00
15	72	Thyvilla Road	0+000	0+208	208.00
16	73	Santhi Nagar Road	0+000	0+191	191.00
17	31A	Keezhe Thampanoor Road	0+000	0+210	210.00
	31B		0+210	0+340	130.00
18	59	Punnackal Lane	0+000	0+223	223.00
19	60	Vazhapally to South Nada	0+000	0+180	180.00
20	37	Chenthitta street	0+000	0+175	175.00
21	178	Vivekananda Nagar Lane	0+000	0+169	169.00
22	179	Sree Chitra Road	0+000	0+088	88.00
23	182	Kuriyathi Road	0+000	0+233	233.00
24	177	Tamil School Lane	0+000	0+271	271.00
25	100	Justice Sankaranarayana Street	0+000	0+165	165.00
26	27	Thycaud Police Ground Road	0+000	0+390	390.00
27	64	Road Inside Fort (Ananthankadu Temple Road)	0+000	0+159	159.00
28	70	SreePadam Street	0+000	0+073	73.00
29	101	Kochar Road, Fort	0+000	0+209	209.00
30	43	Marakkada Road	0+000	0+273	273.00
31	41A	Kothuval Street	0+000	0+340	340.00
32	41B	Sabhpathi Kovil Street	0+340	0+633	293.00

33	42A	KK Road	0+000	0+150	150.00
	42B		0+150	0+307	157.00
34	183	Vrindavan Colony Road	0+000	0+227	227.00
35	184A	Ruby Nagar Road	0+000	0+040	40.00
	184B		0+040	0+115	75.00
36	44	Pazhayasalai Road	0+000	0+607	607.00
37	180	Kamukuvilakom Road	0+000	0+110	110.00
38	181	Ankalamman Nagar Road	0+000	0+165	165.00
39	45	Pumping Station Road	0+000	0+595	595.00
40	185	MRT Road	0+000	0+125	125.00
41	91A	Mathruboomi Road	0+000	0+260	260.00
	91B		0+260	0+585	325.00
42	8	CHH Lenin Road	0+000	0+101	101.00
43	52	Cottupura Street	0+000	0+089	89.00

Presentation may cover the following points:

- 1) Topographic and other Surveys
- 2) Infrastructure assessment
- 3) Concept preparation
- 4) Estimated costing
- 5) Company Credentials, similar works, net worth, profits in past 3 financial years
- 6) Best previous works executed by the company
- 7) Possibility in executing through PPP mode.

The participants can make their presentation through online/ offline mode as per their convenience on 29 Sept 2021.

EOI Submission Guidelines

1. EOI documents can be downloaded free of cost from the Website <https://smartcityvm.in/tenders/>. All documents are to be submitted **online** to tenders.sctl@gmail.com on or before **25/09/2021 1730 Hrs.**

2. Presentation for the EOI participants is scheduled on 29/09/2021 1530 Hrs. IST before SCTL on online/offline mode.
3. Late submission will not be accepted;
4. EOI received without the details mentioned will not be considered and shall be summarily rejected.
5. The SCTL shall not be responsible for non-receipt of documents to SCTL
6. The Smart City Thiruvananthapuram Limited reserves the right to accept or reject any or all EOI received without assigning any reason thereof.
7. This EOI is not a means to award the work to a prospective bidder but only meant to understand the market trends and latest technology in this segment.

Signature and seal of Authority

For and on behalf of

**Chief Executive Officer,
Smart City Thiruvananthapuram Limited**