

## **PUBLIC UTILITIES COMMISSION OF SRI LANKA**

### **Guidelines for Expressions of Interest**

#### **PREPARATION OF STANDARDS FOR DESIGNING, INSTALLATION, OPERATION AND MAINTENANCE OF LIGHTING FOR ROADS AND PUBLIC SPACES**

- 1) The Public Utilities Commission of Sri Lanka (“the Commission”) hereby invites eligible consultancy firms (the Consultant) to indicate their interest in providing the consulting service for the preparation of standards for designing, installation, operation and maintenance of lighting for roads and public spaces, as described below.
  
- 2) Lights for roads and public spaces consumes about 1.5% of the total demand for electricity in Sri Lanka. Most of the street lamps out of the estimated 700,000 installed are hung on Medium Voltage (MV) or Low Voltage (LV) poles used in the distribution network, and dedicated street lighting poles are limited to urban areas. Most of the street lamps are installed by the local authorities/ municipalities and thus design standards are yet to be fully imposed as there are so many decision makers with some legal authority. In addition to the said local authorities/municipalities, another few organizations like Ceylon Electricity Board, Lanka Electricity Company Private Limited, Sri Lanka Sustainable Energy Authority, Road Development Authority, Urban Development Authority, Provincial Road Development Authority, Urban Councils and Ministry (relevant Ministry related to electricity sector) also have some legal mandate over this subject. Currently, all the above stated institutions are partially or fully involved in providing lighting for roads and public spaces by various means. Due to this scenario, no agency is compelled to comply with a common agreed system for lighting for roads and public spaces with respect to designing, installation, operation and maintenance where this situation has caused for various technical, financial and social issues. Therefore, as the regulator for the electricity sector of the country, the Commission is in the view of its required to
  - compile a set of standards for lighting for roads and public spaces which is acceptable for all stakeholders/related institutions.
  - prepare the best institutional framework to manage the lighting for roads and public spaces effectively which is acceptable for all stakeholders/related institutions.
  
- 3) Scope of work of this assignment is listed out below;
  - A. Review the
    - a. existing standards, operational/maintenance codes, practices followed by Ceylon Electricity Board, Lanka Electricity Company Private Limited, Sri Lanka Sustainable Energy Authority, Road Development Authority, Urban Development Authority, Provincial Road Development Authority and Local Authority related to the designing, installation, operation and maintenance of lighting for roads and public places

- b. existing related policy documents, etc. of GOSL with respect to lighting for roads and public places, i.e. circular issued by the Ministry in charge of the subject of Power and Energy
  - c. existing lighting for roads and public places related rules, regulations and other applicable legislations of PUCSL/GOSL, (Distribution Code, Electricity Distribution License, Distribution Exemption, etc.)
  - d. Current role which is being played by each institution with respect to installation, operation and maintenance of lighting for roads and public spaces and identify the shortages/issues of the existing system (roles)
  - e. complaints received by PUCSL (consumer affairs division) related to lighting for roads and public places
  - f. oral and written comments received by the PUCSL via street lighting stakeholder consultations conducted by the PUCSL
- B. Consult key officers of above stated institutions under A(a) in order to obtain their views and comments regarding the
    - a. existing shortages/issues with respect to installation, operation and maintenance of lighting for roads and public spaces
    - b. preparation of standards for designing, installation, operation and maintenance of lighting for roads and public places
  - C. Refer international best practices with respect to standards on designing, installation, operation and maintenance of lighting for roads and public places and best institutional framework for the effective operation of the lighting for roads and public places
  - D. Compile a report on standards for designing, installation, operation and maintenance of lighting for roads and public places in Sri Lanka including the best institutional framework to manage the lighting for roads and public spaces effectively which is acceptable for all stakeholders/related institutions.
  - E. Present the draft report with all the findings to PUCSL within the agreed time line.
  - F. Finalize the report with considering the comments of the PUCSL in appropriate manner within the agreed time line.
- 4) The consultant (consultancy team) who wishes to carry out this assignment should have the expertise in below areas in accordance with the criteria given under section 7.
- Legal & Regulatory framework
  - Electricity Distribution & Supply
  - Designing, installation, operation and maintenance of street lighting

In the consultancy team, it is required to have minimum one expert for each area listed above.

- 5) Interested consultancy firms must provide information indicating that they are qualified to perform the Services as specified in annex 1, annex 2 and annex 3. Consultancy firms may associate with other firms in the form of a joint venture or a sub-consultancy to enhance their qualifications.

6) Expressions of interest should include the following information:

a) Description of similar assignments carried out indicating:

- Expertise in electricity distribution sector
- Expertise in the standards of street lighting designing/installation/operation and maintenance
- Experience in and/or knowledge of Sri Lankan legal environment or access to same
- International experience, especially experience in similar conditions

along with the name of client (with references), nature of the assignment, location, contract value, date and duration etc. (Please use the format given in **Annex 1**);

b) Status of the firm and availability of appropriate skills (as per the item number 4 above), indicating the business registration as well as names and qualifications of the key staff etc. (Please use the format given in **Annex 2**);

c) Any intention to associate with another firm(s)/ individual(s) including the information identified in item a) and b) above relating to other firm(s)/ individual(s) (Please use the formats given in **Annex 2** and **Annex 3**); and

d) Brochure(s) and any other information.

7) The Expressions of Interest received will be evaluated and only the shortlisted firms will be invited to submit detailed technical and financial proposals to provide the Services.

The shortlisting criteria include:

- Qualifications in the field of the assignment;
- Technical, legal and managerial capabilities of the organization;
- Core business and years in business;
- Qualifications of key staff;
- Client references; and
- Administrative and financial strength

8) Interested consultancy firms may obtain clarifications vide the contact details indicated below, from 9.00 am to 4.30 pm during weekdays excluding public holidays.

Expressions of Interest must be delivered in a written form to the address below (in person, by post, facsimile or e-mail) by 4:00 pm on 16<sup>th</sup> August 2019.

Chairman – Procurement Committee  
Public Utilities Commission of Sri Lanka

6th Floor, Bank of Ceylon Merchant Tower  
 No. 28, St. Michael's Road, Colombo 3,  
 Sri Lanka.

Telephone: (+94 11) 2392607/8

Facsimile: (+94 11) 2392641

E-mail: [licensing@pucsl.gov.lk](mailto:licensing@pucsl.gov.lk)

**Annex 1**

**Similar assignments carried out within the last 5 years**

[Using the format given below, please provide all the requisite information in respect of each assignment for which your firm, and each associate for this assignment, was legally contracted, either individually as a corporate entity or as one of the major companies within an association, for carrying out consulting services similar to the ones requested under this assignment.]

Name of the Firm <sup>1</sup>			
Name and address of client/s with references:			
Name of assignment:			
Approximate value of contract (LKR):		Duration of assignment (months):	
Location:		Total No of staff-months of the assignment	
No of professional staff-months provided by you:		Approx. value of the services provided by firm (LKR):	
Start date (month/year):		Completion date (month/year):	
Name of associated consultants, if any:			
Name of senior professional staff of your firm involved and functions performed (indicate most significant Director/ Coordinator, Team Leader):			
Narrative description of assignment			

Description of actual services provided by your staff within the assignment:

<sup>1</sup> Indicate the firms' name or associate firms'/ individuals' name

**Annex 2**  
**Status of the Firm**

[Using the format given below, please provide all the requisite information in respect of the status of your firm and each associate for this assignment; Any associated Individuals are required to complete only item 1, 2 and 7 below.]

- 1) Name and address of the firm/ individual: .....
- 2) Nature of association (joint venture, sub- consultancy etc.): .....
- 3) Business registration no: .....
- 4) Core business: .....
- 5) Years of business: .....
- 6) Annual turnover (US\$), in 2018: ..... , in 2017: ....., in 2016: .....
- 7) Qualifications of key staff/ individual:

	Name	Area of expertise	Education	Technical, Legal & managerial experiences with the firm	Technical, Legal & managerial experiences outside the firm
1					
2					
3					

**Annex 3**

**Details of Associations**

Associates name	Nature of association	Role	Responsibility