

PUBLIC UTILITIES COMMISSION OF SRI LANKA

Guidelines for Expressions of Interest

Feasibility Study on Implementation of Utility-Driven Demand Side Management (U-DSM) Programs

“The Utility-driven Demand Side Management Regulations, 2016” has been gazetted by the Minister of Power and Energy, by virtue of the Powers vested under the Section 54 of the Sri Lanka Electricity Act, No. 20 of 2009 read with Sub sections (1) and (2) of Section 3, Sub Section (1) of Section 4, Sub-section (1) of Section 15, Section 18, Sub-section (2) of Section 30, Sub-section (1) of Section 41, Sub-section (1) of Section 42 and Sub-section (1) of Section 56 of that Act, and on the recommendation of the Public Utilities Commission of Sri Lanka. These Regulations shall be applicable to all Distribution Licensees (CEB & LECO) in Sri Lanka in the discharge of the functions and duties authorized and assigned in terms of the Distribution Licence.

The objectives of utility-driven DSM include, but not limited to:

1. Encouraging consumers to amend their electricity consumption pattern both with respect to timing and level of electricity demand for efficient use of electricity;
2. Lowering the overall cost of electricity to the consumers by economical and efficient use of resources;
3. Reducing the environmental damage by reducing the emission of greenhouse gases
4. Complementing supply side strategies to help the licensees to avoid or postpone costly capacity (generation, transmission & distribution network) additions.

In this context, PUCSL intends to appoint suitable consultants to conduct a feasibility study and preparation of Detailed Project Reports (DPR) on implementation of Utility Driven Demand Side Management Programs for each distribution licensee covering the following aspects.

- a. Formulate U-DSM **Programmes** for each distribution licensee ensuring consistency with the DSM objectives by engaging key responsible officials from each distribution licensee.
 - b. Prepare **Detailed Project Report** (DPR) for each U-DSM program. The DPR shall include, but not limited to, general information, technology, schedule for deployment, capital and recurring budget, cost effectiveness assessment, detailed implementation plan, estimation of savings, monitoring and reporting (M&R) protocols, evaluation, measurement and verification (EM&V) protocols etc.
1. Interested consultancy firms must provide information indicating that they have the required qualifications and relevant experience to perform the Services. Consultancy firms may associate with other firms or individuals in the form of a joint venture or a sub-consultancy to enhance their qualifications. Expressions of interest should include the following information:

- a. Status of the firm and availability of appropriate skills (technical and managerial), indicating the business registration as well as names and qualifications of the key staff etc. (Please use the format given in **Annex 1**);
 - b. Description of similar assignments carried out within the last five years indicating knowledge and experience in demand side management programs and projects, along with names of the clients with references, nature of the assignment, location, contract value, date and duration of the assignment 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 1, Annex 2 or Annex 3** as applicable); and
 - d. Brochure(s) and any other information.
2. 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 shall include:
- a. Qualifications in the field of assignment;
 - b. Extensive experiences with similar assignments conducted
 - c. Technical and managerial capabilities of the organization;
 - d. Core business and years of business;
 - e. Qualifications of key staff;
 - f. Client references; and
 - g. Administrative and financial strength
3. Interested consultancy firms may obtain clarifications vide the contact details indicated below, from 9.00 am to 4.30 pm (Sri Lanka standard time) during weekdays excluding public holidays, and are requested to notify their contact details to receive any updates to the guidance herewith.
4. Expressions of Interest must be delivered in a written form to the address below (in person, by post, facsimile or e-mail) by 4.30 pm (Sri Lanka standard time) on **March 6, 2020**.

Chairman
Consultants Procurement Committee
Public Utilities Commission of Sri Lanka
Level 6, 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: to info@pucsl.gov.lk

Annex 1

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 2019: , in 2018:, in 2017:
- 7) Qualifications of key staff/ individual:

	Name	Area of expertise	Education	Technical & managerial experiences with the firm indicated under item 1 above (refer the assignments mentioned in Annex 1, if any)	Technical & managerial experiences outside the firm indicated under item 1 above
1					
2					
3					

Annex 2

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 ¹			
Name and address of client with references:			
Name of assignment:			
Approximate value of contract (USD):		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 (USD):	
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 (including international experiences and experience in similar conditions, knowledge in U-DSM programs and projects, Techno-economic potential evaluation on DSM, market potential and program evaluation procedures and related experience etc.):			
Description of actual services provided by your staff within the assignment:			

¹ Indicate the firms' name or associate firms'/ individuals' name

Annex 3

Details of Associations

Associates name	Nature of association	Role	Responsibility