

Original

Duplicate



SRI LANKA SUSTAINABLE ENERGY AUTHORITY

REQUEST FOR EXPRESSION OF INTEREST (REOI)

**FOR CONSULTANCY SERVICES-TO PREPARE
PRE-FEASIBILITY STUDY ON USD 100 MILLION SOLAR POWER PROJECT UNDER
INDIAN CREDIT LINE FACILITY**

(NATIONAL COMPETITIVE BIDDING)

PROCUREMENT NO: SEA/PD/R/25-2020

BIDDING DOCUMENT



Sri Lanka Sustainable Energy Authority
Block 05, 1st Floor
BMICH, Baudhdhaloka Mawatha,
Colombo 07
Tel: 0112677445
Fax: 0112682534,
Email: info@energy.gov.lk

SRI LANKA SUSTAINABLE ENERGY AUTHORITY

INVITATION OF REQUEST FOR EXPRESSION OF INTEREST (REOI)FOR CONSULTANCY SERVICES - FOR A PRE-FEASIBILITY STUDY ON USD 100 MILLION SOLAR POWER PROJECT UNDER INDIAN CREDIT LINE FACILITY

Procurement No: SEA/PD/R/25-2020

NATIONAL COMPETITIVE BIDDING PROCEDURE

Bidder's Name :

(Issued To) :

Address :

Tel. :

Fax. :

Date :

Bid No. :

Non-refundable bid document Fee Receipt No: Free of Charge

.....

Issuing Officer

Seal

BIDDING DOCUMENTS

Bidding Document for the Consultancy, **PRE-FEASIBILITY STUDY ON USD 100 MILLION SOLAR POWER PROJECT UNDER INDIAN CREDIT LINE FACILITY.**

No SEA/PD/R/25-2020 is provided the following Section

I. Instructions to Bidders

II. Bidding data sheet

III. Qualifications and Experience

IV. Bidding Forms

V. Form of Contract

Prospective bidders are instructed to submit their bids in the formats attached to the bidding documents issued by the Procurement Division of Sri Lanka Sustainable Energy Authority. Bids submitted in any other format will not be considered for evaluation.

Section I - Instructions to Bidders (ITB)

General

Sri Lanka Sustainable Energy Authority (SLSEA) is seeking a suitable consultant to carry out a pre-feasibility study on the implementation of solar power projects under USD 100 million credit line facility from India.

Bidders responding to this procurement should have experience in economic impact assessment of projects, preferably renewable energy-based power generation projects.

1. Background

SLSEA is implementing a solar power project under a credit line facility of USD 100 million from the Government of India, under the guidance of the Ministry of Power and State Ministry of Solar, Wind and Hydro Power Project Development. The loan will be issued by the Exim Bank of India, and the loan will be obtained and managed by the Treasury. According to the approval of the Cabinet of Ministers, 3 sub-projects are expected to be implemented under this, as shown below.

- (a) Solar rooftop systems in government buildings – USD 85 million
- (b) Floating solar pilot projects – USD 5 million
- (c) Solar rooftop systems with battery storage for low-income households – USD 10 million

It is expected to implement the solar rooftop systems in government buildings sub-project, as the first phase of the project.

In the implementation of this sub-project, solar rooftop systems will be installed in government buildings, under the net-metering scheme. Taking into account the gains in the reduction of electricity bills due to the use of electricity generated from solar PV systems, recurrent budget allocations from the Treasury will be reduced, and those will be diverted to the loan repayment.

A study is expected to be carried out on the techno-economic feasibility of this particular sub-project.

2. Work scope

The proposed work scope is given below.

1. Conduct a study of similar projects implemented by the GoSL involving government buildings in at least ten buildings where own initiative projects were implemented and in at least ten buildings where the recent LKR 350 million grant was utilized, producing a report on the following lines.
 - (i) Installed capacities with delivered specific costs in LKR/kWp in the form of a distribution

- (ii) Actual load repayment status / likely repayment schedules of each project
 - (iii) Monthly Energy yields in kWh/kWp in the form of a distribution
 - (iv) Plant availability / breakdown / time to attend repairs etc. of each plant
 - (v) Actual monthly electricity cost savings (energy and KVA) realized from each project
2. Discuss with the SLSEA on the general solar rooftop system capacities of government buildings taking into consideration Contract Electricity Demands, roof areas, etc.
 3. Assess the possible electricity generation capacities, project implementation costs, amounts of the possible reductions in electricity bills, etc.
 4. Considering ground realities as elicited from 1 above, estimate the debt service adequacy of cost savings taking into consideration the following.
 - 75% of the contract price shall be supplied from India, and the remaining 25% of goods and services may be procured from Sri Lanka
 - Loan will be released at such amounts not less than USD 50,000/- from time to time
 - Rate of interest – 1.75% per annum payable half yearly
 - Management fee – 0.5% on the amount of the eligible value
 - Commitment fee – 0.5% per annum on unutilized credit after 2 months
 - Eligible value – Upto 100% of value of contract (FOB/CFR/CIF/CIP)
 - Payment period – Upto 20 years including moratorium of 5 years
 5. Conduct a sensitivity analysis by varying specific cost of installations in USD/kWp capacity to discover viable total capacity underground realities documented under 1 above.

3. Deliverables

Following are the deliverables expected from the consultant.

1. A report on overall economic model for the sub-project.
2. A report on special considerations related to the sub-project in connection to the techno-economic aspects including the generation capacity, energy yields and specific costs to be expected from the project
3. A report detailing the financial model(s) to be employed to repay the debt and realise overall economic benefits from the sub-project
4. A report indicating any area of concern in connection to the implementation of the sub-project
5. Recommendations for addressing the areas of concern in order that optimal gains are obtained from the project.
6. Refer the documents received from the TUV (available at SEA).

4. Duration

The expected time line for the project is 4 months.

5. Budget Ceiling

The proposals should be within a ceiling of LKR 500,000/-.

6. Eligible Bidders

Consultants/ Consulting firms with experience in international / donor financing projects in the power sector, preferably in renewable energy projects are eligible to apply

7. Pre bid meeting

The pre bid meeting will be held online on 01st December 2020 @ 10.00 am through ‘Google Meet’ platform for all bidders. Interest consultants/ consultancy firms shall send an gmail account address to procurement.slsea@gmail.com to receive the link participate the pre-bid meeting due to current pandemic situation (Please provide a Contact Number as well in the email). You are kindly requested to attend this meeting to obtain any clarification or any other information and please ensure that you obtain the link in time.

8. Evaluation Criteria

Proposals will be evaluated based on the qualifications and experience of the consultants.

9. Place of Submission of Proposals

Interested consultants/ consultancy firms should furnish proposals giving qualifications, CVs of key experts and experience including the financial proposal, mentioning ‘Pre-feasibility Study – Indian Credit Line’ in the top left hand corner of the envelope, to reach the Director General, Sri Lanka Sustainable Energy Authority, Block 05, 01st Floor, BMICH, Bauddhaloka Mw., Colombo 07, on or before **09th December 2020 @ 11.30 am**. Late bid will be rejected. Please mention a gmail account address together with a contact no. in the outer side of the envelope to send a link to join in the online bid opening.

10. Opening of the bids

Bids will be opened soon after the closing time without physical presence of the bidders due to current pandemic situation, and the bidders can join online in the bid opening through ‘Google Meet’ and same way mention in above clause 7.

Section 11 –Bidding Data Sheet

The following specific data for the Contract for the Consultancy, and the provisions in the instruction to bidders (ITB)

ITB Clause Reference	A. General
ITB General	Sri Lanka Sustainable Energy Authority (SLSEA) is seeking a suitable consultant to carry out a pre-feasibility study on the implementation of solar power projects under USD 100 million credit line facility from India. Identification number No.SEA/PD/R/25-2020
ITB 3	The bidder must comply and responsible for the deliverables
ITB 4	Completion Date and Time: Before 11.30 a.m. on 09 March 2021
ITB 7	The pre-bid meeting will be held on 01st December 2020 at 10.00 am at SLSEA Board Room using Google Meet
ITB 8	For the Purpose of Clarification of bid, employer’s address is Procurement Division, Sri Lanka Sustainable Energy Authority Block 05,1 st Floor BMICH, Colombo 07.
	Contents of Bidding Documents
ITB General	‘Bidders responding to this procurement should have experience in economic impact assessment of projects, preferably renewable energy-based power generation projects’ Identification No. SEA/PD/R/25-2020
	Preparation of Bids
Period of bid validity	Period of bid validity 119 days from the date of bid opening (06 April 2021)
	Submission of Bids
Name of Contract : Consultancy Service-To Prepare Pre-Feasibility Study On USD 100 Million Solar Power Project Under Indian Credit Line Facility Address: Procurement Division, Sri Lanka Sustainable Energy Authority Block 05,1 st Floor, BMICH, Colombo 07. Identification number No.SEA/PD/R/25-2020 Telephone: 0112677445 – Ext:430	
	Deadline for submission of bid - On or Before 11.30 a.m. on 09 December 2020
	Bid Opening
ITB 10	Time of Bid opening: 11.30 am on 09 December 2020 through ‘Google Meet’ platform.

	Award of Contract
Performance Bond	Performance bond for 5% at the total value of the contract
Liquidated Damage	The liquidated damages rate is 0.5% percent of the contract price per day maximum of 10% of the total contract price and will apply when there is a failure the employer informed as soon as possible about any occurrence of such event

Section III - Qualification and Experience

Form: 1

Specific Experience in Key Activities

Fill up one (1) form per contract

Contract with Similar Key Activities		
Contract No. of	Contract Identification	
Award Date	Completion Date	
Role in Contract	<input type="checkbox"/> Contractor <input type="checkbox"/> Management Contractor <input type="checkbox"/> Subcontractor	
Total Contract Amount	LKR	
If partner in a JV or subcontractor, specify participation of total contract amount	Percent of Total	Amount
Employer's Name Address Telephone Number Fax Number E-mail		
Description of the key activities in accordance with Criteria of Section I		

Personnel

Bidders should provide the names of suitably qualified personnel to meet the requirements specified in Section I (Instructions to the Bidders). The data on their experience should be supplied using the Form below for each candidate.

Form 2: Proposed Personnel

1.	Title of position*
	Name : Name :
2.	Title of position*
	Name : Name :

*As listed in Section I (Qualifications and Experience of the Bidders).

Form 3: Resume of Proposed Personnel

Position		
Personnel information	Name	Date of birth
	Professional qualifications	
Present employment	Name of employer	
	Address of employer	
	Telephone	Contact (manager / personnel officer)
	Fax	E-mail
	Job title	Years with present employer

Summarize professional experience in reverse chronological order. Indicate particular technical and managerial experience relevant to the project.

Section IV - Form of Bid

1. **Bid Submission Form** (Draft)

[date]

To: [name and address of Employer]

Having examined the bidding documents, we offer to supply a consultant services to carry out a pre-feasibility study on the implementation of solar power projects under USD 100 million credit line facility from India.

[Name and identification number of Contract] in accordance with the Employer’s Description of Assignment, Priced Activity Schedule accompanying this Bid for the Contract price of [.....], [.....] or any other sum derived in accordance with the said documents.

This Bid and your written acceptance of it shall constitute binding contract between us. We understand that you are not bound to accept the lowest or any Bid you receive.

We hereby confirm that this Bid complies with the Bid validity required by the bidding documents and specified in the Bidding Data and agree to all the conditions including bid evaluation and contract award methods explained in the bidding document.

Authorized Signature :.....

Name and Title of Signatory :.....

Name of Bidder :.....

Official seal of Bidder :.....

Date :.....

Contact Number:.....

**APPLICABLE FORMAT FOR
PERFORMANCE GURANTEE**

..... *[Issuing Agency's Name, and Address of Issuing Branch or Office]*

Beneficiary:.....*[Name and Address of Employer]*.....

Date:

PERFORMANCE GURANTEE NO:.....

We have been informed that.....*[name of Contractor/Supplier]*(hereinafter called “ the Contractor”) has entered into Contract No..... *[reference number of the contract]* dated.....with you, for the..... *[insert“ Construction”/“Supply”]* of*[name of contract and brief description of Works]* (hereinafter called “the Contract”).

Furthermore, we understand that, according to the conditions of the Contract, a performance guarantee is required.

At the request of the Contractor, we *[name of Agency]* hereby irrevocably undertake to pay you any sum or sums not exceeding in total an amount of..... *[amount in figures]* (.....) *[amount in words]*, such sum being payable in the types and proportions of currencies in which the Contract Prices is payable, upon receipt by us of your first demand in writing accompanied by a written statement stating that the Contractor is in breach of its obligation (s) under the Contract, without your needing to prove or to show grounds for your demand or the sum specified therein.

This guarantee shall expire, no later than the.....day of.....,20..... *[insert date,28 days beyond the scheduled contract completion date]* and any demand for payment under it must be received by us at this office on or before that date.

.....
[signature (s)]

SECTION-V

1. Form of Contract (Contract Agreement) – Draft

This CONTRACT (hereinafter called the “Contract”) is made the [day] of the month of [month], [year], between, [name of Employer] (herein after called the “Employer”) and, [name of contractor] herein after called the “contractor). WHEREAS

- (a) The Employer has requested the contractor to deliver certain services and supplies as defined in the Conditions of Contract, Description of Assignment, attached to this Contract (herein after called the “contract”);
- (b) The contractor, having represented to the Employer that they have required skills, personnel and resources, have agreed to provide the service on the terms and conditions set forth in this Contract, contract price of.....;

Now therefore the parties here by agree follows:

- 1. The following documents attached hereto shall be deemed for an internal Party to this Contract;
 - (a) The Instructions to the bidders
 - (b) The Form of Bid
 - (c) The priced Activity schedules
 - (d) The description of the assignment

The right and obligations of the Sri Lanka Sustainable Energy Authority and the contractor shall be as set forth in the Contract, in part of particular.

- (a) The Contractor shall carry out the tasks in accordance with the provisions of the contract; and
- (b) The Employer shall make payments to the contractor in accordance with the provisions of the contract

IN WITNESS WHERE OF, the Parties here to have caused this contract to be signed in their respective names as of the day and year first above written.

For and on behalf of [Name of Employer] :.....
[Authorized Representative]

For and behalf of [Name of Contractor]:.....
[Authorized Representative]



Sri Lanka Sustainable Energy Authority (SLSEA)

REQUEST FOR EXPRESSION OF INTEREST (REOI)

CONSULTANCY SERVICE-TO PREPARE PRE-FEASIBILITY STUDY ON USD
100 MILLION SOLAR POWER PROJECT UNDER INDIAN CREDIT LINE FACILITY

Procurement Number: SEA/PD/R/25-2020

1. The Chairman, Department Procurement Committee invites expressions from suitable consultants under National Competitive Bidding to carry out a pre-feasibility study on the implementation of solar power projects under USD 100 million credit line facility from India.
2. Interested bidders can inspect/download the Bid document by logging into the SLSEA's website www.energy.gov.lk. Interested parties who wish to submit their proposals can be downloaded at free of charge from the web site and submit the proposals.
3. The Pre-Bid meeting will be held on **01st December 2020 at 10.00 a.m.** as mentioned in the Bid document.
4. The sealed bids marked 'CONSULTANCY SERVICE-TO PREPARE PRE-FEASIBILITY STUDY ON USD 100 MILLION SOLAR POWER PROJECT UNDER INDIAN CREDIT LINE FACILITY - SEA/PD/R/25-2020' on the top left-hand corner of the envelope shall be sent to reach the Chairman, Department Procurement Committee, Sri Lanka Sustainable Energy Authority, Block 5, 1st Floor, BMICH, Bauddhaloka Mawatha, Colombo 07, through registered post or deposit in the tender box placed in SLSEA office at 1st Floor, Block 5 of the BMICH on or before **11.30 a.m. on 09th December 2020**. Late bids shall be rejected. Bids will be opened soon after the closing time without physical presence of the bidders due to current pandemic situation, and the bidders can join online in the bid opening through 'Google Meet'.
5. Further details may be obtained by calling on telephone numbers 0112677445 or 0112676515 ext. 430 during the office hours.

Chairman

Department Procurement Committee

Sri Lanka Sustainable Energy Authority

Block 5, 1st Floor, BMICH

Bauddhaloka Mawatha

Colombo 07.

Tel: 94 (0) 112677445 Fax: 94 (0) 112682534

Email: info@energy.gov.lk Web: www.energy.gov.lk

18th November 2020