



**State Infrastructure & Industrial Development
Corporation of Uttarakhand Ltd**

29-II E, IT Park, Shashtradhara Road

Dehradun-248001

Phone 0135-2607292,2708100,2608097 Fax 0135-2708109

Website www.siidcul.com

NIT No:07/SIIDCUL/2016

Dated: 12-01-2016

Expression Of Interest

Expression of Interest is invited from consultants/ firms for preparation of Detailed Project Report of Proposed Solar Park at SIIDCUL industrial area in the State of Uttarakhand. The EOI documents can be seen and download from www.siidcul.com . In future any notices/information related to this EOI notice shall be uploaded on this website only. The undersigned reserves all the rights to reject any or all the offers/EOI without assigning any reason.

Managing Director, SIIDCUL

Cost of Document: Rs. 1000/- (including S.Tax)

**Expression of Interest
For
Preparation of Detailed Project Report of
Proposed Solar Park at SIIDCUL Industrial Area
in the State of Uttarakhand**

EOI No. - SIIDCUL/SPV-6/Solar Park (SIIDCUL)/2015-16

January, 2016



सर्वेषां विकासाय

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Uttarakhand Ltd**

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PARTICULARS OF OFFER:

1.	EOI No.	SIIDCUL/SPV-6/Solar Park (SIDCUL)/2015-16
2.	Particulars of the work	Preparation of Detailed Project Report of Proposed Solar Park at SIIDCUL Industrial Area in the state of Uttarakhand.
3.	Period of work	6 weeks
4.	Cost of document	Rs. 1000/-
5.	Last date/ time of submission	03/02/2016 till 11:00 AM
6.	Earnest money/Security Amount	Rs. 50,000/-
7.	Validity of offer for acceptance	One Months from the date of opening of offer
8.	Date and Time of opening	03/02/2016 till 3:00 PM
9.	Place of opening of offer	29-IIE,IT Park, Shashtradhara Road Dehradun-248001

Background

Ministry of New and renewable Energy (MNRE) has drawn a scheme to set up number of solar parks across various states in the country, each with a capacity of Solar Projects generally above 500 MW. The Scheme proposes to provide financial support by Government of India to establish solar parks with an aim to facilitate creation of infrastructure necessary for setting up new solar power projects in terms of allocation of land, transmission and evacuation lines, access roads, availability of water and others, in a focused manner.

The Solar Park is a concentrated zone of development of solar power generation projects. As part of Solar park development, land required for development of Solar Power Projects with cumulative capacity generally 500 MW and above will be identified and acquired and various infrastructure like transmission system, water, road connectivity and communication network etc. will be developed. The parks will be characterized by well developed proper infra-structure where the risk & gestation period of the projects will be minimized. At the state level, the solar park will enable the states to bring in significant investment from project developers in Solar Power sector, to meet its Solar Purchase Obligation (SPO) mandates and provide employment opportunities to local population. The state will also be able to reduce its carbon footprint by avoiding emissions equivalent to the solar park's generated capacity.

In view of above Government of Uttarakhand is envisaging the Solar Park of 50 MW at the various locations of SIIDCUL Industrial Area. SIIDCUL will act as facilitator for implementing agency (SIIDCUL) to develop these solar parks of capacity 50 MW.

In this context, SIIDCUL intends to appoint consulting agency to develop the DPR for the solar park in the below given areas:

- a) SIIDCUL Industrial Area, Sitarganj - 150 Acres* approx.
- b) SIIDCUL Industrial Area, Nepa Farm, Hempur -100 Acres* approx.

***The above locations may be changed as per the availability of land in other areas.**

Scope of Work

The Scope of Services for this Engagement covers matters related to the context mentioned above. Firm shall provide all the services on a best effort basis.

Preparation of DPR for development of Solar Parks comprising both technical & commercial analysis to understand the attractiveness, feasibility, risks & mitigation plans related with setting up of Solar Parks

The key aspects that are to be analyzed as a part of preparation of the DPR shall include following:

- a) Study of site details (such as land, solar radiation, aerosols, climatic conditions, shifting sand dunes etc.) and basic design/ layout plan;
- b) Preliminary infrastructure assessment and development needs;
- c) Solar Park cost estimates and related benefits;

The scope of services include study, investigation & preparation of report of the present characteristics of land, ambient conditions and water for the requirement of Solar Parks (of indicated capacity), complete with all the infrastructure facilities.

Areas of investigation and study shall include the following:

- a) Undertake site survey including contouring, soil testing, solar radiation resource assessment, direct normal insolation study and any other assessment or study necessary for analyzing the extent and requirement of design;
- b) Considering the infrastructure/ facilities required for optimum utilization of Solar Parks, approach road to solar park, if required etc.
- c) Power Evacuation Plan for Solar Parks including 220/ 132/ 33 KV/ 11 KV substations & auxiliary power distribution network, metering arrangement, pooling arrangement, cabling, lightning arrestors, transformers & associated infrastructure; transmission lines for evacuation to nearest CTU/STU substation; augmentation of existing substations, if required etc.;
- d) Power evacuation scheme with preliminary SLD for the electrical system starting from plant evacuation to the Grid connectivity point. Brief description and broad parameters of all electrical equipment;
- e) Estimate the BOQ requirements for main plant equipment i.e. solar modules and BOP i.e. inverters, transformers, cables etc.
- f) Analyze and propose budgetary costing based on similar projects executed in recent times.
- g) Evaluate the complete capital investment including all applicable taxes, subsidies and exemptions for SIIDCUL.
- h) Evaluation of available commercially viable technologies and recommendation on possible choice of technology.
- i) Recommend optimal solution supported with detailed technical & financial analysis.

Work Schedule

Description of Work	Tentative Completion
Prefeasibility Study and Submission of the DPR	3 Weeks
Evaluation of DPR by SIIDCUL	1 Week
Finalization of the DPR	2 Week

Eligibility of Firms/Consultants

As mentioned the company intends to use professional agency to prepare the DPR for the 50 MW solar parks in Uttarakhand. The consulting firms intending to bid for such appointment shall fulfil the following eligibility conditions:

A. Eligibility Criteria for technical qualification:

1	Minimum Experience of Consulting Firm in preparation of Solar DPRs	2 years
2	No. of DPRs prepared for solar project of capacity more than 10 MW	Atleast 1 DPR
3	No. of Technically Qualified Persons in the firm	Atleast 2 No.
4	The Firm should have minimum annual turnover in any one year during last three years. (CA Certified Certificates on enclosed format- Annexure-1)	INR 25,00,000/- (Indian Rupees Twenty Five Lakhs Only)

B. Marking Criteria for shortlisting of Consulting Firm for the Preparation of DPR

S. N.	Bench mark details	Maximum Marks	Marks Obtained
1	Experience of Consulting Firm		
	<i>Experience in Years</i>	<i>Maximum Marks</i>	
	At least 2 years	20	
	More than 2 years	25	
2	No. of DPRs prepared for solar project of capacity more than 10 MW		
	<i>No. of DPR</i>	<i>Maximum Marks</i>	
	1	20	
	More than 1	25	
3	No. of Technically Qualified Persons		
	<i>No. of Persons</i>	<i>Maximum Marks</i>	
	2	15	
	More than 2	20	
4	The Firm should have minimum annual turnover in any one year of Rs. 25.00 Lakhs during last three years.	20	
5	Having office and work experience in the state of Uttarakhand	10	
Total		100	

Note:

- **Minimum 70 marks** will required for qualify technically.
- Only technically qualified application will be eligible for the financial bid.
- Firm/consultant should submit 2 nos. of Detailed Project Report which was prepared earlier. Failure to the submission of reports, the firm/agency will be awarded zero marks in the Sl. No. 2.

Submission of Offer:

The consulting firm should submitted their offer in two separate sealed envelopes i.e. **Part-I TECHNICAL PARTICULARS** (along with the cost of the document and Earnest Money/Security Amount & complete EOI document duly signed on each page excluding financial offer) and **PART-II FINANCIAL OFFER**. Both these envelops should be put and sealed in another envelope subscribed with EOI No. SIIDCUL/SPV-6/Solar Park (SIIDCUL)/2015-16 and Name and address of the firm.

The technical particulars shall be opened on above mentioned date and time. The financial offer of only technically short listed proposals shall be opened. In case the financial offers could not be opened on the same date, then the date of opening the financial offer shall be communicated to the technically successful bidders.

Earnest Money/Security Amount:

The consulting firm shall have to submit the Earnest Money/Security Amount of Rs. 50,000/- in the form of Demand Draft or FDR/CDR from any Nationalized Bank pledged in favour of Managing Director SIIDCUL, Dehradun along with its offer. The earnest money/security amount of un-successful offers shall be refunded within 15 days from the date of finalization of empanelment.

The Earnest Money/Security Amount of the Consulting firm will be refunded after the completion of duration of work. In case any consulting firm do not complete the assignment within the stipulated time frame or the quality of the work is not satisfactory, SIIDCUL reserves the right to forfeit the security deposit and cancel the assignment.

Duration of work:

The consulting firm will have to complete the assignment/work within the 4 months from the date of award of work. After completion of this period, the validity of rates can further be extended on the basis of performance of the consultant firm and consent of UREDA.

Payments:

Consulting firm will get orders from SIIDCUL on the rates approved by SIIDCUL and will get payments as under:

1. 70% payment will be released after preparation and submission of draft DPR.
2. Balance 30% payment will be released after submission of final DPR (after duly incorporation of comments received in Draft DPR) in 3 Hard Copies and one CD.

APPLICATION FORM

The Managing Director
State Infrastructure & Industrial Development Corporation of Uttarakhand Ltd (SIIDCUL)
29-IIE,IT Park, Shashtradhara Road
Dehradun-248001
Phone 0135-2607292,2708100,2608097 Fax 0135-2708109
website: www.siidcul.com

Format for Expression of Interest**PARTA: GENERAL INFORMATION**

1	Name of Firm/Agency/Individual with nature/type (Limited/Private Limited/ Individual/Proprietary/Research Institution/ NGO etc)	
2	Address with full details Ph. No., Fax No.	
3	Name of Contact Person with Mobile No. & E-mail	
4	Company profile with list of branch offices (Please attach details)	
5	a) Year of establishment b) Year of commencement of Solar Energy Activities. (Please attach copies of the proof for (a) & (b)).	
6	Annual turnover during last 3 years (please attach copies of the Annual Report / CA certified Certificate)	
7	PAN and Service Tax No. (Please attach copies of the proof)	

8	All Firms/Agencies will furnish declaration on Rs 100 Non-Judicial stamp paper that their firm/agency is not involved in any major litigation and has not been black listed by any Central Govt. / State Govt. / Public Sector undertaking in India. The declaration should be verified by the Notary Public.	
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PART B: MAN POWER AND EXPERIENCE

1. Table I : Details of Technical Manpower

Sr. No	Name & Designation	Qualification	Experience (Years)	Field of Expertise

(Attach resume of each of the team member with necessary credentials. Use separate sheet)

2. Table II : Projects undertaken during last 2 years

Sr. No.	Name of Project	Area of work	No. of DPRs

* - Electrical/Thermal/Both (Use separate sheet, if required)

3. Table III : List of Major Clients of last 2 years

Sr No	Name of Client	Contact Person (By Designation)	Contact Nos. (Telephone)

(Use separate sheet, if required)

Declaration

The information provided in this form is accurate and true to the best of my knowledge. We agree to the terms & conditions of EOI.

Name & Designation of the authorized signatory:

(Signature)

(Seal of Organization)

Date: _____

----- (for office use only)-----

Date of Receipt of Application: _____

File No.: EC/2014-15/_____

Ref. & Date of EOI: _____ date: _____

Remark : _____

Annexure-1

(On CA letter head)

Annual turnover of the last three years

Name of the Firm _____

Address _____

Contact Number _____

S.No.	Year	Turn Over (Rs. in Lacs)
1		
2		
3		
	Total	

Signature of Chartered Accountant with Seal

Name _____

Mobile No. _____