

**CENTRAL ELECTRICITY REGULATORY COMMISSION**  
**Ground Floor, Chanderlok Building,**  
**36, Janpath, New Delhi – 110 001**

No. 2/23 (19)/2014/Adm/CERC

Dated, the 23 December, 2014

**Sub: "Engagement of Individual Consultant  
in the area of Renewable Energy."**

Central Electricity Regulatory Commission proposes to engage one Individual Consultant in the area of renewable energy purely on contract basis. The detailed Terms of Reference containing the essential qualifications/experience, duties and responsibilities, remuneration package and process of selection are given below:-

**1. Background:-**

1.1 Since the enactment of Electricity Act 2003, the power sector has undergone major structural changes. The Act is based on the philosophy that consumers benefit from growth of competitive markets. The Act has de-licensed generation, encouraged captive power. Multiple players are required for competitive markets. This is done by allowing multiple licensees in the same area and also allowing 'Open Access' to all consumers needing more than one megawatt power and to all generators and also to licensees. The trading platform of Exchanges has already started. In so far as Renewable Energy sources are concerned, the Act has entrusted on the regulators the responsibility of promoting such sources of energy.

1.2. CERC has notified the tariff regulations for electricity generated from renewable energy sources. These regulations assume special importance in view of the National Action Plan on Climate Change which stipulates that minimum renewable purchase standards may be set at 5% of the total power purchases in year 2010 and thereafter should increase by 1% each year for ten years. The Commission has issued generic tariffs for various RE technologies.

1.3. CERC has also notified Renewable Energy Certificate (REC) Regulation for implementation of REC framework which is a market based instrument to promote renewable energy and facilitate compliance for renewable purchase obligations (RPO) under inter-state transaction of RE generation. REC mechanism is aimed at addressing the mismatch between availability of RE resources in state and the requirement of the obligated entities to meet the renewable purchase obligations (RPO).

1.4. In view of the above activities in the renewable energy, the Commission propose to engage an Individual Consultant in the area of renewable energy to be designated as Advisor or Sr. Advisor depending upon his experience,

qualifications and other criteria as specified in CERC (Appointment of Consultants) Regulations, 2008 and its amendment from time to time and in this TOR.

## **2. Scope of work proposed for the Individual Consultant**

CERC proposes to engage an Individual Consultant to assist the Commission in the area of Renewable Energy in discharge of its functions which inter alia include:

2.1. Analysis of various technical and economic aspects which are relevant to regulation of renewable energy sector.

2.2. Keeping track of international and national trends in the Renewable Energy Sector.

2.3. Policy issues relating to renewable energy and collection of relevant energy statistics.

2.4. To assist the Commission in implementation of Regulations related to Renewable Energy tariff, REC and related matters.

2.5. Other related issues e.g. Bench marking of cost of Renewable technologies..

## **3. Qualification of the candidates for Individual Consultant:**

### **3.1. Educational:**

**(a) Essential:** Bachelor's Degree in Science or Engineering.

**(b) Desirable:**

(i) Masters Degree in Finance or Management or Public Policy or Engineering

(ii) Research experience or Ph.D Degree.

### **3.2. Experience**

**(a) Essential:**

Working experience of not less than Ten years in techno-economic aspects of Renewable energy technologies. Knowledge of Indian/Global Renewable Energy Scenario, concept of regulations, various legislations and Government policies eg. the Electricity Act,2003, Tariff policy, National Electricity Policy, etc.

**(b) Desirable:**

(i) Having published papers to his / her credit in the area of Renewable energy, Government policies on renewables, economic and financial

analysis of renewable energy technologies.

- (ii) Specialization in technologies for production of electricity from solar, wind and other non-conventional source technologies (Off-Grid Solutions).

Should have understanding of:

- (a) Aspects for specifying the minimum percentage of power procurement from renewable sources,
- (b) Share of different renewable sources in such percentage,
- (c) Methodology for pricing the non-firm power from renewable sources,
- (d) Competitive procurement of energy from renewable sources,
- (e) Generation based incentive for different technologies,
- (f) Framework for connectivity to the grid for renewable source based power plants,
- (g) Renewable Energy forecasting,
- (h) Ancillary / Balancing power requirements
- (i) Framework for inter-State exchange of renewable energy,
- (j) Renewable energy credits,
- (k) CDM Mechanism,
- (l) Present status of Regulations/guidelines/policy related to Renewable Energy in India and other countries.

3.3. Age limit: The age of the candidate as on the last date of receipt of application should not exceed 50 years.

**4. Consolidated Salary:** Individual consultant shall be engaged in the category of "Adviser" with a maximum consolidated fee of Rs. 1,50,000/- (Excluding service tax, if applicable) per month or in the category of "Senior Adviser" with a consolidated fee of Rs. 2,25,000/- (Excluding service tax, if applicable) per month, commensurate with his / her academic qualifications, total experience in number of years, domain expertise and knowledge required for the deliverables. In deserving cases, additional fee not exceeding 10% of the fees indicated above may be granted at the time of initial engagement on the basis of the recommendations of the Selection Committee and after approval by the Chairperson.

#### 5.0 **General terms and conditions:-**

5.1. Normal working hours would be 9.30 A.M to 6.00 P.M (Five days week) including half an hour lunch break. The official may be called on Saturdays,

Sundays and other gazetted holidays, and directed to work beyond normal working hours in case of exigencies.

5.2 There will be a provision of 15 days leave (including 8 days casual leave and seven days on the pattern of earned leave but not encashable) in a calendar year (in addition to the gazetted holidays applicable in CERC office) subject to prior sanction.

5.3 In case of official tour outside Delhi, the Commission will reimburse the expenses for journey undertaken for official work by the Consultant as per the following entitlement:-

- (i) By air-Economy class/ By train (AC-II).
- (ii) Other facilities as per entitlements of officers of CERC who are having Grade Pay of Rs. 6,600/-.

6. **Duration of contract:** The contract will be initially for a period of two years which can be extended for up to one year on each occasion, limited to a total period of four years. In deserving cases an annual escalation upto 10% on the fee may be given with the approval of the competent authority based on the performance during preceding year. The Commission and the Consultant would both have option to terminate the contract by giving a notice of three months or the equivalent remuneration in lieu thereof. Provided, in case of disciplinary action, the notice period shall not apply to CERC.

7. Applications are to be submitted in prescribed format only. Otherwise, the applications which are not in prescribed format are liable to be rejected. Incomplete applications or those received after due date will not be entertained and will be summarily rejected without any communication. The candidature of such candidates who are subsequently found ineligible according to the terms and conditions laid down in this tender notice will be cancelled. The decision of the Consultancy Evaluation Committee regarding eligibility of the candidate shall be final.

#### 8.0 **Evaluation Criteria:-**

8.1 The Consultants will be engaged in accordance with the terms and conditions laid down in CERC (Appointment of Consultants) Regulations, 2008 and its amendment from time to time (copies available in CERC's website [www.cercind.gov.in](http://www.cercind.gov.in)).

8.2 The Commission reserves the right to reject or accept any application without assigning any reason, or what so ever.

9. Appointment under this assignment shall be on purely contract basis for a limited period only. Such appointment shall not bestow any rights what so ever to claim for regular appointment or continued contractual appointment in CERC.

10. Relaxation in essential qualifications/experience can be considered in deserving cases at the discretion of CERC.

11. CERC reserves the right not to fill up all or any of the above-mentioned positions.

12. Only short-listed candidates will be called for an interaction with the Selection Committee.

13. Interested and eligible candidates may kindly send their applications, in the prescribed format to the Assistant Secretary, CERC, Ground Floor, Chanderlok Building, 36, Janpath, New Delhi-110 001 by 3.00 P.M. on Friday, the 16th January, 2015.

(P. Ramamoorthy)  
Assistant Secretary (P&A)  
Tel: 2375 3921

**Encls : Annexure**

**ANNEXURE**

**BIO-DATA**

- I. GENERAL INFORMATION :**
01. Name of the Candidate :
02. Date of Birth :
03. Father's Name :
04. Permanent Address :
05. Contact address :
06. Tel No. :
- Mobile No. :
- email id :

**II. (a) Academic/Professional Qualifications:-**

Degree	University	Institut	Field/Specialization	Year of Passi

**(b) Experience:-**

Details of employment, in chronological order. Enclose a separate sheet, d authenticated by your signature, if the space below is insufficient				
Office/Institute/ Organisation	Post held	From	To	Nature of duties in brief

**(c)**

Additional information, if any, which you would like to mention in support of your suitability for the post. Enclose a separate sheet, if the space is insufficient	
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**Signature of the Candidate**

Date: