

CENTRAL ELECTRICITY REGULATORY COMMISSION
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No. 2/23(2)/2012/Adm/CERC

Dated: 08.04.2013

Subject: **"Engagement of Individual Consultant in the area of Renewable Energy through the process of techno-financial bidding"**

Central Electricity Regulatory Commission proposes to engage one Individual Consultant at the level of Advisor (Renewable Energy) through the process of techno-financial bidding. The detailed Terms of Reference containing the essential qualifications/ experience, duties & 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 stipulated 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 new tariff regulations are expected to promote new investments so that renewable electricity supply could expand to meet the goals stipulated in the National Action Plan. 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 obligation (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.

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

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

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

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

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

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

2.5. Other related issues.

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

3.1. **Educational:**

(a) **Essential:** The Consultant shall have Bachelor's Degree in Science or Engineering with a Masters Degree in Finance or Management or Engineering.

(b) **Desirable:** Research experience or Ph.D Degree.

3.2. Experience

(a) Essential:

Working experience of not less than 15 years in techno-economic aspects of Renewable energy technologies and out of this at least 5 years in area of solar energy. 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 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 energy.

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) Framework for inter-State exchange of renewable energy,
- (h) Renewable energy credits,
- (i) CDM Mechanism,
- (j) Present status of Regulations/guidelines/policy related to Renewable Energy.

3.3. Age limit: The age of the candidate as on the last date of receipt of application should not exceed 65 years.

4. **General terms & conditions:** The Commission would provide the office support (and not conveyance for coming to office and back, or accommodation for residence) to the Consultant. Expenses incurred by them for journeys undertaken for official work would be borne by CERC subject to the entitlement ceiling admissible to an officer of CERC at the level of Assistant Chief. Only short-listed candidates shall be called for an interaction with the Consultancy Evaluation Committee (CEC).

4.1. Normal working hours would be 9.30 A.M to 6.00 P.M (05 days week) including half -hour lunch break. The personnel may be called on Saturday, Sunday and other gazetted holidays, and asked to sit beyond normal working hours in case of exigency of CERC.

4.2 There will be a provision of 15 days leave (including 8 days casual leave) in a calendar year (in addition to the gazetted holidays applicable in CERC office) subject to prior sanction.

5. **Duration of contract:** The contract will be for two years and which may be extended for one more year depending on the performance of the Consultant and needs of the Commission. 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.

6. **Manner of submission of Bids:** Candidates are required to submit their bids in the form of a technical proposal and a financial proposal. The Candidate is required to submit four (4) copies of Technical bids (each of which will be treated as original) and one copy of Financial bids, duly sealed in separate envelopes.

6.1. **Technical proposal:** The technical proposal shall include the bio-data and comprehensive resume of the experience of the candidates in the prescribed format given in **Annexure I**.

6.2. **Financial proposal:** The candidate should submit his financial proposal in the prescribed format given in **Annexure II** indicating the consolidated monthly fee expected by the candidate. However, the candidate can indicate a component of House Rent Allowance upto Rs 35,000/- per month within the financial quote. The amount quoted as fee in the financial proposal shall be inclusive of all direct taxes and service tax. An enhancement of 10% of the initial approved fees can be considered on completion of one year of service.

6.3. The bids may be addressed to Assistant Secretary(P&A), CERC so as to reach by **3.00 PM of 30th April, 2013**.

6.4. **Opening of Bids:** Technical bids will be opened by the Tender Opening Committee of CERC at 4.00 PM of the last date of receipt of bids.

6.5. Bidding candidates or their authorized representatives may remain present during opening of bids. Secretary, CERC reserves the right to modify/change the date and time of the opening of bids.

6.6. Applications are to be submitted in prescribed format only. Otherwise, the applications 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.

7. **Evaluation Criteria:-**

7.1 The Consultants will be engaged in accordance with the terms & conditions laid down in CERC (Appointment of Consultants) Regulation, 2008 and its amendment viz. CERC (Appointment of Consultant) Regulation, 2010 (copy available in CERC's website www.cercind.gov.in).

7.2 The eligible bids will be considered by a Consultancy Evaluation Committee (CEC) to be set up by CERC and their performance will be evaluated based on the following criteria:

S.No.	Technical Parameters	Weights
1.	The Consultant's Academic background	0.40
2.	The Consultants relevant experience for the assignment	0.50
3.	Knowledge of the working environment such as language, culture, administrative system, and other relevant factors	0.10

7.3 Based on the evaluation as above, the Consultancy Evaluation Committee shall prepare a panel of three candidates (the top three scorers in the technical evaluation). The chairperson, CERC shall select one candidate out of the panel. The financial bid of the candidate approved by the Chairperson will be opened. This candidate shall be selected as Individual Consultant on the final approval of Chairperson, CERC.

7.4 Only the successful bidder would be communicated about the award of consultancy assignment.

7.5 The Commission reserves the right to reject or accept any bid without assigning any reason.

Sd/- xxxxxxxxxxxx

(Ramanuj Dey)
Assistant Secretary (P&A)

Encls : Annexure I & II

TECHNICAL PROPOSAL

I. GENERAL INFORMATION /BIO-DATA:

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. DETAILED RESUME:

(a) Academic/Professional Qualifications:-

Degree	University	Institute	Field/Specialization	Year of Passing

(b) Experience:-

Details of employment, in chronological order. Enclose a separate sheet, duly 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 mentioned 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

FINANCIAL PROPOSAL

01. Name of the Candidate :
02. Permanent Address :
03. Contact address :
04. Tel No. :
- Mobile No. :
- email id :
- Fax No. (if any) :
05. Amount of consultancy fee (per month) proposed for :
(Inclusive of all direct taxes and service tax)

(RUPEES _____)

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Signature of the Candidate