NOTICE

West Bengal Electricity Regulatory Commission is desirous of engaging Consultants in different fields. Interested persons/organizations may visit the website of the Commission at www.wberc.net for details.

By order of the Commission

Secretary

Place: Kolkata
Dated: 11th August 2017
NOTICE

West Bengal Electricity Regulatory Commission intends to engage Consultants / Experts having experience and expertise in the related fields as indicated in the Table below with a view to utilizing their domain knowledge on fixed terms and conditions for specified period as and when occasion so requires.

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2. Desirous Individuals/Organisations may introduce themselves with their Name, Address, Contact Number and Complete Profile as required to be submitted against Qualifying Requirements mentioned at respective Annexures attached herewith along with their 'Credentials' on expertise on relevant field to the Secretary, West Bengal Electricity Regulatory Commission, FD-415A, Poura Bhawan, 3rd Floor, Sector – III, Bidhannagar, Kolkata – 700 106 within **September 11th, 2017** for the purpose.

3. The Commission reserves the right to take cognizance of the profile/credentials of persons as may be received or otherwise based on the parameters it might work out within its policy framework consistent with the provisions of law and Regulating made there under and / or may not consider the names of persons who are presently engaged in power related business or generation with the utilities in the State of West Bengal for empanelment.
4. Remuneration for the period of engagement will be such as may be determined by the Commission.

5. The Commission reserves the right to accept or ignore any or all proposals whatsoever without assigning any reason.

Kolkata

Date: 10th August, 2017

(Dr. Jiban Chandra Chakraborty)
Secretary, WBERC
Qualifying Requirements

Evaluation of ARR/APR/FPPCA for Determination of Tariff - Individual

(Finance Part)

1. **Education**: Must be Associate/Fellow Member of Institute of Chartered Accountants of India/Institute of Cost Accountants of India/SAS

2. **Essential Experience**: Must have a minimum of 25 years experience in the fields of Accounts compilation/Investment concurrence/Budgeting/variance analysis/Corporate Finance/Corporate planning in Power Sector of which at least 3 years should be in the rank of Addl GM & above

3. **Desirable Experience**
   i. 5 Yrs experience in Auditing assignment for Financial Audit/Cost Audit
   ii. 2 yrs experience in handling regulatory/tariff matter as Consultant

4. **Essential Requirements**
   - Knowledge on regulations prevalent in the States and at Central level.

5. **Minimum Age**: 55 Yrs

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*Signature*

A. Pal

8/17
Qualifying Requirements

Analysis & Development of norms / standards for determination of Tariff in respect of Generating Utilities - Individual.

1. Education:
   Full time Bachelor Degree in Electrical / Mechanical Engineering from any Govt. recognised institution.

2. Essential Experience
   - Minimum experience of 25 years in the field of Construction, Design, Planning, Execution, Operation and Maintenance, Planning of Thermal/Hydel Generating Station of which 10 years should be for a project of 1000 MW and above.

3. Desirable Experience
   - 2 years Experience in norm setting and laying of principles of Multi Year Tariff as Consultant.
   - Experience in manpower determination of thermal/ hydel generating stations.

4. Essential Requirements
   - Knowledge on regulations prevalent in the States and at Central level.

5. Minimum Age: 55 Years.
Qualifying Requirements

Analysis & Development of norms / standards for determination of Tariff in respect of
Transmission/Distribution Utilities - Individual.

1. **Education**
   Full time Bachelor Degree in Electrical Engineering from any Govt. recognised institution.

2. **Essential Experience**
   - Minimum experience of 25 years in the field of Construction, Execution, Operation and Maintenance in Transmission system of 220 kV and above / Distribution network having HV, MV & LV systems.

3. **Desirable Experience**
   - 2 years Experience as consultant or in other capacity in norm setting and laying of principles of Multi Year Tariff.
   - Experience in manpower determination of Transmission system of 220 kV and above / Distribution network having HV, MV & LV systems.

4. **Essential Requirements**
   - Knowledge on Electricity Regulations prevalent in the States and at Central level.

5. **Minimum Age** : 55 Years.

**Signature**

Tel: (033) 2359 3397, 2189
Fax: (033) 2359 3397, 9720
FD-115A, Pura Bhawan, 3rd Floor, Sector - III
Bidhannagar, Kolkata - 700106
Email: cp-wberrc@gov.in
Website: www.wberrc.net

[Signature]

Date: 11/9/17
Qualifying Requirements

Technical Audit of Generating /Transmission/Distribution Utilities – Organisation

1. **Entity**

A Firm/Company/Body Corporate engaged in the consultancy business in the power sector of the country continuously for last 10 years out of which minimum engagement period in conducting technical audit should be for a period of 5 years.

2. **Essential Requirement.**
   - Experience for advising for improvements in O&M performance of Generating Stations / Transmission / Distribution Sector utilities for 10 years.
   - Minimum educational qualification of the experts should be full time Bachelor of Engineering degree (Mechanical/Electrical/C&I) from any Govt. recognised institution.
   - Minimum post qualification experience of the experts in the Generating Stations / Transmission / Distribution Sector should be 20 years.

3. **Desirable Requirements**
   - Minimum number of technical audit successfully completed without any expressed dissatisfaction of the client in organisations related with power generation / transmission / distribution business should be 5.
   - Experience in conducting technical audit in Central / State Sector Generating station, preferably Thermal Generating Station / State Discoms / Transmission utilities.
   - Global Experience: 3 yrs experience in handling Global Assignments
   - Ratio of permanent : outsourced/contracted personnel should be not less than 50:50.

4. **Annual Turnover:** Average Annual Turnover of Minimum Rs 2.50 Crore during the last three years.

A. Pal
11/8/17
Qualifying Requirements

Audit for Regulatory Compliance (Technical) of Generating/ Transmission/Distribution Utilities
– Organisation.

1. Entity

A Firm/Company/Body Corporate engaged in the consultancy business in the power sector of the country continuously for last 10 years.

2. Essential Requirement.

- Minimum experience in O&M performance of Generating Stations / Transmission / Distribution Sector utilities should be 10 years.
- Minimum educational qualification of the experts should be full time Bachelor of Engineering degree (Mechanical/Electrical/C&E) from any Govt. recognised institution.
- Minimum post qualification experience of the experts in the O&M performance of Generating Stations / Transmission / Distribution Sector utilities should be 20 years.

3. Desirable Requirements

- Minimum number of assignments for verification of regulatory compliance completed without any expressed dissatisfaction of the client in organisations related with power generation / transmission / distribution business should be 5.
- Experience in conducting such assignments in Central / State Sector Generating station, preferably Thermal Generating Station / State Discoms / State Transmission utilities.
- Ratio of permanent : outsourced/contracted personnel should be not less than 50:50.

4. Annual Turnover: Average Annual Turnover of Minimum Rs 2.50 Crore during the last three years.
Qualifying Requirements

Energy Audit of Generating/Transmission/Distribution Utilities – Organisation:

1. **Entity**
   
   A Firm/Company/Body Corporate engaged in the consultancy business in the power sector of the country continuously for last 10 years out of which minimum engagement period in conducting energy audit should be for a period of 5 yrs.

2. **Essential Requirement**
   
   - Experience for advising for improvements in O&M performance of Generating Stations / Transmission / Distribution Sector utilities for 10 years.
   - Minimum educational qualification of the experts should be full time Bachelor of Engineering degree (Mechanical/Electrical/C&I) from any Govt. recognised institution.
   - Minimum post qualification experience of the experts in the Generating Stations / Transmission / Distribution Sector should be 20 years.
   - Minimum 40% of the experts should be accredited Energy Auditors certified by Bureau of Energy Efficiency.

3. **Desirable Requirements**
   
   - Minimum number of energy audit successfully completed without any expressed dissatisfaction of the client in organisations related with power generation / transmission / distribution business should be 5.
   - Experience in conducting energy audit in Central / State Sector Generating station, preferably Thermal Generating Station / State Discoms / Transmission utilities.
   - Global Experience: 3 yrs experience in handling Global Assignments
   - Ratio of permanent:outsourced/contracted personnel should be not less than 50:50.

4. **Annual Turnover**: Average Annual Turnover of Minimum Rs 2.50 Crore during the last three years.
Qualifying Requirements

Project Appraisal for investment approval including inspection of the items procured/replaced/upgraded/modernisation/renovation by the Transmission/Distribution Utilities - Individual

1. **Education**:
   Full time Bachelor Degree in Electrical Engineering from any Govt. recognised institution.

2. **Essential Experience**
   - Minimum experience of 25 years in managerial capacity in the Construction, Execution and Operation & Maintenance of Transmission system of 220 kV and above / Distribution network having HV, MV & LV systems.
   - Minimum 5 (five) years experience in the field of project execution of transmission project of 220 kV system and above / distribution projects having total capacity of 100 MVA and above.

3. **Desirable Experience**
   - 2 years Working experience as consultant for evaluation of project in the field of Transmission / Distribution Utilities in India

4. **Essential Requirements**:
   - Knowledge on regulations prevalent in the State Sector and at Central level.

5. **Minimum Age**: 55 Years.

A. Pal
11/9/17
Qualifying Requirements

Project Appraisal for investment approval including inspection of the items procured/replaced/upgraded/modernisation/renovation by the Generating Utilities - Individual

1. **Education**
   Full time Bachelor Degree in Engineering (Mechanical/Electrical) from any Govt. recognised institution.

2. **Essential Experience**
   - Minimum experience of 25 years in managerial capacity in the Construction, Execution and Operation & Maintenance of Generating Station of which 10 years should be in projects of 1000 MW and above
   - Minimum 5 (five) years experience in project execution of 1000 MW & above

3. **Desirable Experience**
   - 2 years working experience as consultant for evaluation of project in the field of Generation Utilities in India

4. **Essential Requirements**
   - Knowledge on regulations prevalent in the State Sector and at Central level.
   - Experience in Greenfield Projects

5. **Minimum Age** : 55 Years.
Qualifying Requirements

Project Appraisal for investment approval including inspection of the items procured/replaced/upgraded/modernisation/renovation by the Transmission/Distribution Utilities: Transmission / Distribution - Organisation

1. Entity

A Firm/Company/Body Corporate engaged in the consultancy business in the power sector of the country continuously for last 10 years preferably in the area of Project feasibility study / Project evolution / DPR preparation / Project monitoring of large Transmission / Distribution Projects.

2. Essential Requirement

- Experience of direct association with at least one transmission utility / distribution utility in the country.
- Minimum educational qualification of the experts should be full time Bachelor of Engineering degree (Electrical) from any Govt. recognised institution.
- Minimum post qualification experience of the experts in the relevant field should be 20 years.

3. Desirable Requirements

- Minimum number of project appraisal successfully completed without any expressed dissatisfaction of the client in organisations related with power transmission / distribution business should be 5.
- Experience in conducting project appraisal in transmission system having voltages more than 220 kV / distribution system having consumer strength more than 50 Lakhs.
- Global Experience: 3 yrs experience in handling Global Assignments
- Ratio of permanent : outsourced/contracted personnel should be not less than 50:50.

4. Annual Turnover: Average Annual Turnover of Minimum Rs 2.50 Crore during the last three years.

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Qualifying Requirements

Project Appraisal for investment approval including inspection of the items procured/replaced/upgraded/modernisation/renovation by the Generating Utilities - Organisation

1. Entity

A Firm/Company/Body Corporate engaged in the consultancy business in the power sector of the country continuously for last 10 years preferably in the area of Project feasibility study / Project evolution / DPR preparation / Project monitoring of large Transmission / Distribution Projects.

2. Essential Requirement.
   - Experience of direct association with at least one Generation utility in the country.
   - Minimum educational qualification of the experts should be full time Bachelor of Engineering degree (Mechanical/Electrical) from any Govt. recognised institution.
   - Minimum post qualification experience of the experts in the relevant field should be 20 years.

3. Desirable Requirements
   - Minimum number of project appraisal successfully completed without any expressed dissatisfaction of the client in organisations related with power Generation business should be 5.
   - Experience in conducting project appraisal in Generation Project of 1000 MW and above
   - Global Experience: 3 yrs experience in handling Global Assignments
   - Ratio of permanent : outsourced/contracted personnel should be not less than 50:50.

4. Annual Turnover: Average Annual Turnover of Minimum Rs 2.50 Crore during the last three years.
Qualifying Requirements

Assessment, Analysis and Preparation of Report for Adoption of New Technology including
Analysis & Development of norms / standards for determination of Tariff in the Field of
Renewable Energy Sources

– Organisation.

1. Entity
A Firm/Company/Body Corporate engaged in the consultancy business in the
Renewable(Solar/Wind etc) Power sector of the country continuously for last 10 years.

Government recognised renowned Academic Institution/Research Organization having 10
years experience of working with Power Sector Utilities
(Generation/Transmission/Distribution).

2. Essential Requirement.
   - Domestic Experience: Completed at least 3 assignments in Renewable (Solar/Wind
     etc)
   - Global Experience: Completed at least 2 assignments in Renewable (Solar/Wind etc)
   - Minimum educational qualification of the experts should be full time Bachelor of
     Engineering degree (Mechanical/Electrical) from any Govt. recognised institution.
   - Minimum post qualification experience of the experts in the relevant field should be
     10 years.

3. Desirable Requirements
   - Knowledge of new technology in Renewable Power (Solar/Wind etc) for cost
     reduction
   - Knowledge of renewable projects implemented outside India regarding technology,
     cost, output, productivity
   - Global association with knowledge of Global Protocol in Renewable (Solar/Wind etc)
     Power Sector
   - Experience in implementing Renewable Energy Projects in Central / State Sector
     utilities.
   - Ratio of permanent : outsourced/contracted personnel should be not less than 50:50.

4. Annual Turnover: Average Annual Turnover of Minimum Rs 2.50 Crore during the last
   three years.

Tel: (033) 2359 3397, 2189 
Fax: (033) 2359 3397, 9720
FD-115A, Powa Bhawan, 3rd Floor, Sector – III, Bishnupur, Kolkata - 700106
Email: cp-wberc@gov.in
Website: www.wberc.net
Qualifying Requirements

Assessment, Analysis and Preparation of Report for Adaption of New Technology including Analysis & Development of norms / standards for determination of Tariff in the Field of Renewable Energy Sources

1. **Education**
   Full time Bachelor Degree in Engineering (Mechanical/Electrical) from any Govt. recognised institution.

2. **Essential Experience**
   - Minimum experience of 10 years in any Renewable Energy Project in managerial capacity

3. **Desirable Experience**
   - Working experience of 5 years as consultant in Solar/Wind/etc Power Project.
   - Global Experience in Solar/Wind/etc Power Project in any capacity

4. **Desirable Requirements**:
   - Knowledge of new technology in Renewable Power (Solar/Wind etc) for cost reduction
   - Knowledge of renewable projects implemented outside India regarding technology, cost, output, productivity
   - Global association with knowledge of Global Protocol in Renewable (Solar/Wind etc) Power Sector

5. **Essential Requirements**

6. **Minimum Age**: 45 Years.

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Signed: [Signature]

Date: 11/8/17
Qualifying Requirements


1. **Entity**
   Government recognised renowned Academic Institution/Research Organization having 10 years experience of working with Power Sector Utilities (Generation/Transmission/Distribution).

2. **Essential Requirement**
   - Domestic Experience: Completed at least 5 assignments in Power Sector Utilities (Generation/Transmission/Distribution).
   - Global Experience: Completed at least 2 assignments in Power Sector Utilities (Generation/Transmission/Distribution).
   - Minimum educational qualification of the experts should be full time Bachelor of Engineering degree (Mechanical/Electrical) from any Govt. recognised institution.
   - Minimum post qualification experience of the experts in the relevant field should be 20 years.

3. **Desirable Requirements**
   - Knowledge of Environment & Pollution Control Norms/Rules/Acts
   - Knowledge in the field of Carbon Emission and reduction measures alongwith new technology to bring carbon emission to minimum
   - Experience of working with statutory bodies.
   - Global association
   - Exposures in methodology of determination from pollution from industries, specially power sector(s).
   - Exposures in New Technology reducing cost and controlling pollution
   - Globally updated knowledge on best practices
   - Ratio of permanent : outsourced/contracted personnel should be not less than 50:50.

4. **Annual Turnover**: Average Annual Turnover of Minimum Rs 2.50 Crore during the last three years.
Qualifying Requirements

Drafting and Finalisation of Regulations including Recommendation/ Study of concerned Bodies like FOR/TERI etc-Individual

1. **Education:**
   Full time Bachelor Degree in Electrical / Mechanical Engineering from any Govt. recognised institution.

2. **Essential Experience**
   - Minimum experience of 30 years in the field of Construction, Execution, Operation and Maintenance, Commercial wing of any Utility in Generation (1000 MW and above)/Transmission/Distribution segment/ Load Despatch Center (any utility/SLDC)
   - Minimum experience of 5 years in the regulatory arena serving as Jt Adviser/Adviser

3. **Desirable Experience**
   - 3 years experience as Member/Chairperson in any SERC/CERC/APTEL

4. **Essential Experience**
   Knowledge on regulations prevalent in the States and at Central level.

5. **Desirable Requirements**
   - Knowledge of Economics/ Law/Finance and related exposure
   - Knowledge of latest technology and best practices as available globally.

6. **Minimum Age:** 58 Years.

Annexure-9

[Signature]
11/8/17