



Uttarakhand Renewable Energy Development Agency (UREDA)

(Department of Renewable of Energy, Govt. of Uttarakhand)

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Recruitment Notice on Contractual Basis

Uttarakhand Renewable Energy Development Agency (UREDA), State Designated Agency invites applications for engaging 4 (four) numbers manpower with outstanding record to join its team on contractual basis, to assist in implementation of various energy efficiency programmes and activities launched under the Energy Conservation Act 2001 in the State of Uttarakhand.

Employment will be on contract basis and initial contract would be for a period of 1 (one) year. The contract may be renewed on an annual basis till a maximum period up to 31st March, 2017. The interested applicants may forward their curriculum on the prescribed application form along with 2 passport size photographs and attested copies of certificates/mark sheets, giving complete details of their qualifications and experience with two references, till 09 January, 2013 up to 5:00 PM to Uttarakhand Renewable Energy Development Agency (UREDA). All other relevant details have been provided in UREDA website: www.ureda.uk.gov.in. **UREDA reserves all the rights regarding final selection of applicants.**

Director, UREDA

Details on Qualification Requirement for Engagement of Manpower

1. Project Engineer-1

(for Support various activities under the Strengthening of State Designated Agencies scheme of BEE)

Minimum Educational Qualification Required

AICTE / Govt. approved Bachelor Degree in Engineering with minimum of 60% marks or equivalent grade in the engineering degree examination and a minimum of three years work experience in energy efficiency or its conservation and energy auditing. The maximum age limit may be 35 years.

Contract Amount: Consolidated amount – Rs.40,000/- per month, with a provision of maximum increment of 10% upon renewal of contract, subject to satisfactory performance.

Scope of work

During the XI plan, Uttarakhand Renewable Energy Development Agency (UREDA), has carried out capacity building activities like Workshops / training programmes involving the Energy Managers / Energy Auditors and Designated Consumers appraising about their roles as per the mandate of the EC Act 2001. Media / awareness campaign in Uttarakhand has been undertaken by the SDAs. The major focus area were promotion through electronic and print media, translation of BEE materials to local languages, awareness campaign in schools / colleges, and through brochures, banners etc. Apart from the above, Uttarakhand Renewable Energy Development Agency (UREDA), has undertaken demonstration projects in the area of LED based Street Lighting System and Village Campaign was successfully commissioned in Nainital and Haridwar district. Under IGEA of the Govt. Buildings, 55 Govt. buildings have been taken up for energy audit. The implementation of the Energy Conservation measures in 55 buildings has been taken up. A separate website highlighting energy efficiency measures undertaken in the State has been established. The roles expected from the project engineer are:

- Preparation of annual action plans including budget estimation
- Preparation of annual reports
- Interaction with other Govt. Dept. / Organizations and Industries
- Conduct state level awards
- Identification of demonstration projects
- Preparation of schemes for promoting energy conservation
- Implementation and monitoring support for different energy efficiency projects
- Verification and documenting capacity avoidance and energy savings realized
- Exploring new areas for implementation of energy conservation measures in the state of Uttarakhand.
- Finalization and vetting of Detailed Project Reports (DPRs) for energy efficiency projects
- Conduct field visits for implementation and monitoring of different energy conservation activities
- Organizing awareness campaigns, workshops, seminars for different sectors and general public
- Facilitating energy audit and investment Grade Energy Audit of industries and industry clusters, Urban and local bodies, irrigation and water pumping systems, sewage systems, street lighting systems, buildings etc.
- Undertake activities as per the requirement of BEE as prescribed from time to time and extend necessary support for achievement of projected capacity avoidance as prescribed by SDA and any other activities which is felt necessary for fulfilment of the role of SDA as prescribed under EC Act 2001

In addition to the above, the manpower provided will be required to do any other task pertaining to schemes of BEE as per the direction provided by Director, UREDA.

2. Project Engineer-2

(To facilitate smooth and timely implementation of other schemes of BEE)

Minimum Educational Qualification Required

AICTE / Govt. approved Bachelor Degree in Engineering with minimum of 60% marks or equivalent grade in the engineering degree examination and a minimum of three years work experience in energy efficiency or its conservation and energy auditing. The maximum age limit may be 35 years.

Scope of Work

BEE has initiated a number of energy efficiency initiatives in the areas of household lighting, commercial buildings, standards and labeling appliances, demand side management in agriculture/municipalities, SME's and large industries including the initiation of the process for development of energy consumption norms for industrial sub sectors, capacity building of SDA's etc. In order to enhance the efforts to promote energy efficiency during 11th plan period the national target of reducing consumption by 10000 MW of avoided capacity addition has been kept. The initiatives taken have resulted in an avoided capacity generation of 10836 MW during the XI plan The national target of energy saving which is to be achieved during XII Five Year Plan as a consequence of implementation of ongoing schemes and additional new components under National Mission for Enhanced Energy Efficiency (NMEEE) is expected to be 44.85 BU at consumer side, equivalent to 60.17 BU at generating side, equivalent to avoided capacity of 12350 MW. In view of the above, BEE envisages that the role of UREDA Uttarakhand in various schemes will be extremely crucial to facilitate achievements of the national targets set by the Govt. of India. The roles expected from the project engineer are:

Standards & Labeling Scheme:

- Facilitate in contributing to the capacity building of the retailers and showroom salesman activities
- Facilitate in conduct of consumer awareness programs to spread awareness
- Facilitate in ensuring larger penetration for voluntary products

Buildings Scheme:

New Commercial Buildings

- Facilitate in amendment of ECBC to suit local climatic conditions
- Facilitate in incorporation of amended ECBC in municipal building bye-laws
- Facilitate in capacity building of architects, designers and verifiers for ECBC compliant buildings.
- Facilitate in imparting training to building owners on submission of required data as per prescribed format once buildings are notified as DCs.

Existing Commercial Buildings

- Facilitate retrofit through ESCO route or by building owners themselves.
- Facilitate promotion of star labelling scheme of BEE.

Municipal DSM:

- Facilitate in selection of ULBs for implementation of DPRs.
- Facilitation in actual implementation in the ULBs.

Agricultural DSM:

- Facilitate issue of regulations / notifications by the State Govt. to mandate the use of BEE star labelled pump sets for new connections.
- Facilitate in setting up of monitoring mechanism to quantify the outcome

In addition to the above, the manpower provided will be required to do any other task pertaining to schemes of BEE as per the direction provided by Director, UREDA.

3. Senior Project Engineer-1
(For Managing State Energy Conservation Fund (SECF))

Minimum Educational Qualification Required

AICTE / Govt. approved Bachelor Degree in Engineering with minimum of 60% marks or equivalent grade in the engineering degree examination along with BEE certified EM/EA with 2 years MBA / Post Graduate Diploma in Energy Management/ Post Graduate Diploma in Business Administration or equivalent with specialization in Finance (AICTE/ Govt. approved.). The incumbent should also possess a minimum of five years work experience in energy efficiency or its conservation and energy auditing. The maximum age limit may be 45 years.

Contract Amount: Consolidated amount – Rs. 50,000/- per month, with a provision of maximum increment of 10% upon renewal of contract, subject to satisfactory performance.

Scope of Work

Clause 16 (1) of the Energy Conservation Act 2001 requires State Governments / U.T. Administrations to constitute a fund called SECF for the purpose of promotion of efficient use of energy and its conservation within the State. In this context, a scheme titled Contribution to SECF by the Government of India is in place from the XI plan with SDA being the implementing agency for the scheme. The SECF is proposed to be utilized to facilitate market transformation through implementation of energy efficiency projects by the SDAs. The most viable market transformation strategy for implementation of energy efficiency projects is through the ESCO route. Structuring of successful ESCO model is being pursued over a time by various organizations in different countries compared to India where it is still in nascent stage. Many endeavors to develop policies on energy efficiency in India have been undertaken which would cement the confidence of ESCOs but unfortunately not many investors have shown interest in investing for energy efficiency projects. This is primarily because of the fact that investment is to be recouped through the accrued energy savings, process for which still needs to be streamlined and could not be done till now.

The SECF should not include energy efficiency projects to be executed on grants-in-aid basis (except for few demonstration projects on waste heat recovery). It should be used as an instrument to facilitate implementation of energy efficiency projects through market transformation. For undertaking energy efficiency projects major part of the funds disbursed under SECF should be earmarked separately as Revolving Investment Fund (RIF). The roles expected from the Senior Project Engineer are:

- Identification of sectors for preparation of sector-specific energy savings plan
- Preparation of sector-specific energy savings plan
- Finalization of the plan in consultation with the SDA
- Strategizing implementation of the plan
- Utilizing SECF as RIF
- Identification of other areas for utilizing SECF as RIF
- Overall management of SECF

In addition to the above, the manpower provided will be required to do any other task pertaining to schemes of BEE as per the direction provided by Director, UREDA.

4. Senior Project Engineer-2

(To Facilitate smooth and timely implementation of Perform, Achieve and Trade (PAT) scheme of BEE)

Minimum Educational Qualification Required

AICTE / Govt. approved Bachelor Degree in Engineering with minimum of 60% marks or equivalent grade in the engineering degree examination, possessing a certificate of Energy Auditor / Energy Manager from the Bureau of Energy Efficiency and having experience of handling activities related to Designated Consumers. The incumbent should also possess a minimum of five years work experience in energy efficiency or its conservation and energy auditing. The maximum age limit may be 45 years.

Contract Amount: Consolidated amount – Rs. 50,000/- per month, with a provision of maximum increment of 10% upon renewal of contract, subject to satisfactory performance.

Scope of Work

PAT is a market based mechanism under the National Mission for Enhanced Energy Efficiency (NMEEE) to enhance cost effectiveness of improvements in energy efficiency in energy-intensive large industries and facilities in 8 energy intensive industrial sectors (including Thermal Power Stations) , through certification of energy savings that could be traded.

During the first cycle of PAT scheme i.e. from 2012-13 to 2014-15, eight energy intensive sectors such as Thermal Power plants, Iron & Steel, Cement, Fertilizer, Aluminum, Textile, Pulp & Paper, Chlor-alkali have been included. There are about 478 numbers of Designated Consumers in these 8 sectors and they account for about 165 million ton oil equivalent of energy consumption annually. It is expected to save around 6.686 million ton of oil equivalent of energy from the first cycle of the PAT scheme. This accounts for a saving of 3.4 Mtoe from the seven energy intensive industries (DCs) and 3.2 Mtoe from thermal power stations sector.

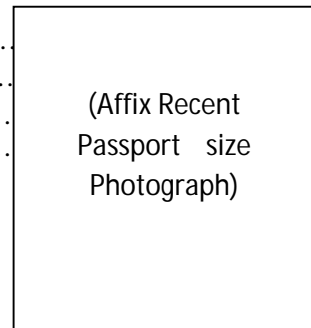
The scheme is unique in many ways, particularly from a developing-country's perspective since it creates a market for energy efficiency through tradable certificates, called Energy Saving Certificate (ESCerts) by allowing them to be used for meeting energy reduction targets. These certificates can be issued to any of the 478 industries who are able to exceed their respective notified target, the value of the certificate being the excess achievement, more than the target set. The beneficiary industry could trade this certificate to any of the other entities (of the 478) that is unable to meet its target, as buying ESCerts has been allowed as sufficient fulfillment of compliance requirement without any penal action. Senior Project Engineer will be accountable to perform the following roles for smooth implementation of PAT in consultation with the concerned officer-in-charge of Bureau of Energy Efficiency:

- Form, manner and time for preparation of scheme for implementation of efficient use of energy and its conservation.
- Assessment of performance: For sub-rule (7) under rule (6) of PAT rules.
- Check Verification: For sub-rule (2a) & (11) under rule (8) of PAT rules.
- Check Verification: For sub-rule (14) under rule (8) of PAT rules.
- Check Verification: For sub-rule (15a) under rule (8) of PAT rules.
- Compliance of energy conservation norms and standards.

In addition to the above, the manpower hired will be required to do any other task pertaining to schemes of BEE as per the direction provided by Director, UREDA.

Application Format

1. Position Applied for:
2. Name of Applicant:
3. Permanent Address:.....
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4. Correspondence Address:
.....
.....
5. E-mail:.....



6. Tel: Mob.:
7. Date of Birth Age on 01.04.2013 Yrs Months
8. Educational Qualification : -

9. Details of Experience:-

10. Category:- Gen/SC/ST
11. Any other relevant information.
12. Please attached detailed CV and attested copies of the educational/experience documents with the application form.
13. References of two persons from prior organizations.

i. Name: ii. Name:
 Address:..... Address:.....

Phone/Mobile No..... Phone/Mobile No.....

Signature
 Name: