

GOVERNMENT OF MIZORAM
STATE DESIGNATED AGENCY (SDA)
(Established Under Energy Conservation Act 2001)



No. T-11011/81/2013-EI(SDA)/67 : Dated, Aizawl the 29th September, 2016

State Designated Agency Mizoram, invites applications for engaging the following 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 Mizoram.

Sl. No.	Designation	Eligibility	Remuneration	Intake	Duration
1.	Manpower – 1	BE minimum 60% marks having minimum of three years work experience in energy efficiency or its conservation and energy auditing.	40,000 per month	2	5 Months
2.	Manpower – 2	BE minimum 60% marks or BEE certified EM/EA having minimum of five years work experience in energy efficiency or its conservation and energy auditing.	50,000 per month	1	5 Months

* Details are provided in the website www.sdamazoram.com

Terms of Employment: Employment will be on contract basis and initial contract would be for upto 31st March 2017 (5 Months).

The interested applicants may forward their biodata, mobile no. along with 2 passport size photographs and attested copies of certificates/mark sheets, giving complete details of their qualifications and experience in two copies to **Electrical Inspectorate, Power & Electricity Department, Govt. of Mizoram, Zuangtui, Aizawl, Mizoram** or sdamazoram@rediffmail.com. Candidates from Government Departments/PSUs/ Autonomous bodies etc. should send their application through proper channel.

Applicant should clearly state whether he applies Manpower-1 or Manpower-2 or both. State Designated Agency, Mizoram reserves the right to cancel part or whole of this invitation of application without assigning any reason thereof and to relax the eligibility and other criteria in case of exceptionally outstanding candidates.

Last date of Submission : 31st October, 2016, 1:00 p.m.
Interview : 1st November, 2016 at 12:00 Noon
Venue : Office Chamber of Chief Electrical Inspector
Power & Electricity Department, Govt. of Mizoram
Zuangtui, Aizawl, Mizoram

Original documents should be available at the time of interview.

(V. RODINGLIANA)
Chief Electrical Inspector

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Copy to:

1. The Commissioner & Secretary to the Government of Mizoram, Power & Electricity Department for favour of information.
2. The Engineer-in-Chief, Power & Electricity Department, Govt. of Mizoram for favour of information.
3. The Secretary, BEE, Govt. of India, Ministry of Power for favour of information.
4. The Director, I&PR Department, Govt. of Mizoram, Aizawl for favour of information. He is requested to publish in two (2) local newspapers at the earliest preferably on 30.9.2016 or before 4.10.2016 and The Assam Tribune, Guwahati (Regional newspaper) at the earliest.

Chief Electrical Inspector

Office : Electrical Inspectorate, Zuangtui, Aizawl – 796 017, Mizoram.
Website : www.sdamizoram.com **E-mail** : sdamizoram@rediffmail.com
Telephone : 0389 - 2351170, **Fax** : 0389 – 2350891

DETAILS ON QUALIFICATION REQUIREMENT FOR ENGAGEMENT OF MANPOWER

MANPOWER 1:

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.

OR

Retired officers of Central Govt. or Autonomous Bodies who had served as Deputy Secretary/Equivalent posts subject to possessing a graduate degree and having a minimum of five years work experience in energy efficiency or its conservation and energy auditing. The maximum age limit may be 65 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

A. Support various activities under the Strengthening of State Designated Agencies scheme of BEE

In order to kick start the energy conservation activities at the state level with an emphasis on building institutional capacities of the SDAs, Government of India had approved the scheme of Providing Financial Assistance to the State Designated Agencies for strengthening their institutional capacities and capabilities. During the XI plan, the SDA *Mizoram* 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 *Mizoram* 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, SDA *Mizoram* has undertaken demonstration projects in the area of 'Energy Efficient Street Lighting' and LED Village Campaign was successfully commissioned in 2014. Under IGEA of the Govt. Buildings, 7 Govt. buildings have been taken up for energy audit. The implementation of the Energy Conservation measures in 1 building has been taken up. A separate website highlighting energy efficiency measures undertaken in the State has been established. The roles expected from the manpower provided by the agency 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 *Mizoram*.
- 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 fulfillment of the role of SDA as prescribed under EC Act 2001

B. Facilitate smooth and timely implementation of other schemes of BEE

BEE has initiated a number of energy efficiency initiatives in the areas of household lighting, commercial buildings, standards and labelling 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 SDA *Mizoram* 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 manpower provided by the agency are:

Standards & Labelling 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 labeling 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 labeled 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 direction provided by CEO of SDA.

MANPOWER 2:

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 or 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

A. Managing State Energy Conservation Fund (SECF)

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 endeavours 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 manpower provided by the agency 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.