



**TRIPURA STATE ELECTRICITY CORPORATION LIMITED**

**A Govt. of Tripura Enterprise**

## **Expression of Interest (EOI)**

**Name of Work: "Engagement of Agencies for Implementation of Market Surveillance Activities Under the Standard & Labelling Scheme of BEE, MoP, Govt. of India, in the State of Tripura and prepare a Comprehensive Project Report"**

Signature & Seal of Company



## TSECL Notice

TSECL is invited EOI for Engagement of Agencies for Implementation of Market Surveillance Activities Under the Standard & Labelling (S&L) Scheme of BEE, MoP, Govt. of India, in the State of Tripura and prepare a Comprehensive Project Report.

EOI no. 01/BEE/SDATripura/2024-25/

Date: 13.11.2024

The details are as follows:

1	Name of the work	"Engagement of Agencies for Implementation of Market Surveillance Activities Under the Standard & Labelling Scheme of BEE, MoP, Govt. of India, in the State of Tripura and prepare a Comprehensive Project Report"
2	Completion period	6 (Six) Months
3	Date of publication of EOI on the website: www.tsecl.in	14.11.2024
4	Date & Time of Pre-bid queries submission	Upto 20.11.2024 till 03:00 PM
5	Last date & time for receipt of TSECL bids	20.11.2024 till 03:00 PM
6	Bid Opening Date	21.11.2024
7	Name & address of office inviting EOI:	SDA Tripura, Bidyut Bhawan, Tripura State Electricity Corporation Limited (TSECL), North Banamalipur, Agartala – 799001 West Tripura, Tripura.

Any corrigendum/addendum can be seen on website : [www.tsecl.in](http://www.tsecl.in)

Sd/-  
General Manager (Technical)  
TSECL



## SECTION – I:

### OBJECTIVE:

Tripura State Electricity Corporation Limited (TSECL) invites details/information from qualified, experienced Agencies for the Promotion of Energy Efficiency across the State of Tripura. The engagement is intended to prepare a potential prospective Bidder / Quotationer list also along with market prices for delivering services as per the scope of work.

### INTRODUCTION:

The State Designated Agency(SDA) of Tripura under the DISCOM, Tripura State Electricity Corporation limited (TSECL), Government of Tripura entrusted with Generation, Transmission, and Distribution including Rural Electrification since inception. The Department of Power had remained a beneficiary constituent of the North Eastern Regional Electricity Board. Tripura State Electricity Corporation Limited started functioning w.e.f 1st January 2005.

The Government of India set up the Bureau of Energy Efficiency (BEE) on 1st March 2002 under the provisions of the Energy Conservation Act, 2001. The mission of the Bureau of Energy Efficiency is to assist in developing policies and strategies with a thrust on self-regulation and market principles, within the overall framework of the Energy Conservation Act, 2001 with the primary objective of reducing energy intensity of the Indian economy.

The primary objective of BEE is to reduce energy intensity in the Indian economy. In order to translate the objectives into result-oriented action, the broad strategies of BEE include:

- To develop policies and programs on the efficient use of energy and its conservation with the involvement of stakeholders.
- To plan, manage, and implement energy conservation programs as envisaged in the EC Act.
- To assume leadership and provide policy framework and direction to national energy efficiency and conservation efforts and programs.
- To demonstrate energy efficiency delivery mechanisms, as envisaged in the EC Act, through Private-Public Partnership (PPP).
- To establish systems and procedures to measure, monitor, and verify energy efficiency results in individual sectors as well as at the national level.
- To leverage multi-lateral, bi-lateral, and private sector support in implementation of programs and projects on efficient use of energy and its conservation.
- To promote awareness of energy savings and energy conservation.

### BACKGROUND:

The Standard & Labelling (S&L) Programme is one of the major thrust areas of the BEE. The Program was launched in 2006, by Ministry of Power. The key objective of this program is to provide the consumer an informed choice about the energy savings and thereby cost saving potential of the relevant star rated appliance/equipment. This Program entails laying down minimum energy performance standards (MEPS) for appliance / equipment, rating the energy performance on a scale of 1 to 5, 5 stars being the most energy efficient one.

At present, 38 equipment/appliances are covered under the Standard & Labelling scheme out of which 16 are in mandatory phase and 22 in voluntary phase.



SL no	Mandatory Appliances	SL no	Voluntary Appliances
1	Frost Free Refrigerator	1	General Purpose Industrial Motor
2	Stationary Storage Type Electric Water Heater	2	Submersible Pump Set, Agriculture Pump Set
3	Colour Television	3	Domestic Gas Stove
4	Washing Machine (Semi/Top Load/Front Load)	4	Computer
5	Room Air Conditioner (Variable Speed)	5	Ballast
6	Tubular Fluorescent Lamps	6	Office Automation Products
7	LED Lamps	7	High Energy Li-Battery
8	Chillers	8	Solid State Inverter
9	Light Commercial Air Conditioners	9	Diesel Generator Set
10	Deep Freezers	10	Microwave Oven
11	Ultra-High Definition (UHD)	11	Solar Water Heater
12	Room Air Conditioner (Fixed Speed)	12	Air Compressors
13	RAC (Cassette, Floor Standing Tower, Ceiling, Corner AC)	13	Diesel Engine Driven Monoset Pumps for Agricultural Purposes
14	Distribution Transformer	14	Tyres/Tires
15	Direct Cool Refrigerator	15	Side by Side/Multi Door Refrigerator
16	Ceiling Fan	16	Pedestal Fan
		17	Table/Wall Fan
		18	Induction Hob
		19	Solar Photovoltaic
		20	Packaged Boiler
		21	Commercial Beverage Coolers
		22	Grid Connected Solar Inverter

To check the compliance of the labeling, the Bureau periodically carries out check testing of the appliances.

Check Testing activity is one of the activities conducted to ensure compliance by following the process as stated below:

- The Bureau (or its designated agency) carries out check testing of products to ensure that product models meet the performance claims on the label.
- Check testing of labeled products is conducted in third-party NABL-accredited laboratories.
- Failures invite action being taken as per the provisions of relevant regulations including publication of details of failed products in print media/newspapers.
- The Check testing process is as follows:
  - Bureau (or its designated agency) randomly selects a model for first check testing.
  - The selected model undergoes check testing to check for compliance with the performance claims.
  - If the sample model fails in its performance claims, then the sample model is regarded as Failed in First Check Testing.
  - The bureau (or its designated agency) then conducts Second Check Testing for which it buys twice the quantity of samples for the same model.
  - On completion of second check testing, Bureau (or its designated agency) reviews the test reports.
  - In case any one or both samples collected for second check test fails.

**Bureau (or its State Designated Agency) shall proceed with the following actions:**

Withdraw all the stocks from the market to comply with the directions of the Bureau and Change the particulars displayed on advertising material.

Correct the star level displayed on the label of the appliance/equipment or remove the defects and deficiencies found during testing from the existing and new stock.



Publish, for the benefit of the consumers, the name of the permittee, brand name, model name or model number, logo, and other specifications in any national or regional daily newspaper and in any electronic or in any other manner as it deems fit.

**The process flow shown below is recommended to SDAs for Market Surveillance:**





Market Surveillance Reporting Template-

Sl. No.	State	Survey Location (City/town)	Survey Date (From - To)	Survey team	Number of Stores/warehouses visited	Number of label verifications conducted
1.						

Survey Findings	Sample 1	Sample 2	Sample 3
Name of the Appliance			
Model No.			
Make/ Brand Name			
Compliant/Non-compliant Labels			
Type of Non-Compliance	Write in detail	Write in detail	Write in detail
1. Label not present either on displayed appliance or outer packaging	Write in Detail (if any)		
2. Label out of validity period	Write in Detail (if any)		
3. Label technical information incorrect/complete	Write in Detail (if any)		
4. Label placement incorrect/not affixed properly/damaged	Write in Detail (if any)		
5. Label not visible at the point of sale	Write in Detail (if any)		
6. Label design/color is not as per BEE requirements	Write in Detail (if any)		
7. Improper label dimension	Write in Detail (if any)		
8. Information on label not matching the product name plate	Write in Detail (if any)		
9. Any other findings			
10. Label Photograph	Attach photograph		



## A. Scope of Work:

The agency will be responsible for successfully executing the following activities and tasks as part of the study. Execution of all activities and tasks must be conducted in close consultation with BEE/SDA.

In store, surveillance will be conducted through physical verification of label on the products available in various sales outlets/stores/retailers in the state of Tripura. The verification shall include checking proper display of the label on the product, packaging and promotional material, manufacturers' catalogue, etc. available at the sales outlets and analyzing awareness levels of the retailer/supplier/dealers about the purpose, accurate presence of labels and correct placement of the label on the product. Physical verification of the products in store to ensure proper display of label and promotional materials and verification team should be carried out along with the concerned SDA officials. Interview of sales staff/store owner to assess their awareness levels, perception towards labelling program shall be conducted using a structured questionnaire.

The total target of samples to be conducted in Tripura is 2141 nos.

The surveillance will be conducted in the following types of retailers are department stores, specialist retailers, electrical stores, chain of stores, and franchise stores:-

- a. Single and multiband (chain) stores
- b. Smaller independent stores

### A.1. Task 1: Develop label verification plan

- A.1.1. Develop district-wise sampling plan required to cover products as per BEE notification from time-to-time.
- A.1.2. Preparation of questionnaire and checklist for retailers with parameters to be checked to facilitate data collection in the identified stores.
- A.1.3. Field visits to be planned in consultation with SDA Tripura / designated Inspecting officer (IO).
- A.1.4. Coordinate with identified retailers/stores/dealers in all cities for smooth implementation of the market surveillance.

### A.2. Task 2: Verification of labelled products

- A.2.1. Fair understanding of national standard and labelling program, scope of products covered, mandatory regulations, established policies and inspecting rules for label verifications, large- and small-scale manufacturers registered including models details of each appliance.
- A.2.2. Collect the label details of appliances in prescribed questionnaire -capturing all relevant data in the online tools related to the label that includes star level, energy performance data, label period, appliance type, product name/description, model number, brand, year of manufacturing and other technical details along with snapshot of the product along with the star label.
- A.2.3. Hired agency to visit at retailers or stores in each district for label verifications and shall try to cover all the mandatory products in each retailer/store/dealer. Efforts shall be made to ensure that the label verification are not conducted on the same model while carrying out the label verification process across the states.
- A.2.4. Shall also identify any models covered in mandatory products are sold without star labels, fake labels, improper representation of labels, expired labels and any discrepancies as specified in mandatory regulations.
- A.2.5. Assess role of manufacturers and retailers/stores/dealers in affixing the labels on the mandatory products and procedure adopted while replacing labels during upgradation of energy efficiency policies.

### A.3. Task 3: Developing report and analysis of label verifications

- A.3.1. The verified samples shall be cross checked with BEE registration and database to identify the level of compliance, issues with labelling identified included damaged labels, no labels, obscured labels, and wrong labels on products.
- A.3.2. Provide comprehensive analysis of overall compliances levels for each verified label in accordance with product type, national, state, and city wise.
- A.3.3. Submit the developed report by reviewing the data based on compliance and non-compliance levels against the existing regulation and any scope of revising or amending the regulation to bridge the gap, analysis of market findings.



**B. EOI Clause:**

This Expression of interest has been called to understand the market price for delivering services as per the scope of work for each category only which doesn't guarantee the award of work against this expression of interest. However, there is the possibility to award the work if the sanctioned budget is approved and technically competent vendors found to deliver the assignment against the Submission of "Contract Performance Guarantee i.e Performance Bank Guarantee" as per Performance security for an amount equal to 10% of the total contract value, issued by a Nationalized Bank having Branch at Agartala in favour of EOI Inviting Authority.

**C. Validity of Bids**

Bids shall remain valid for 6 months from the last date of submission.

**D. The Criteria for Agency / Firm:-**

- D.1. Should be an agency / firm / company registered / incorporated in India and necessary documents should be provided.
- D.2. Should have at least 1 (one) no. BEE Certified Energy Auditors / Energy Managers as on the date of applying. A photocopy of the certificates of BEE Certified Energy Auditors / Energy Managers should be enclosed.
- D.3. Should have knowledge of Standards & Labelling (S&L) programme under BEE.
- D.4. Should have adequate consultancy experience of minimum 5 years in the field of Energy Efficiency and necessary documents and certificates of experience in relevant fields should be provided.
- D.5. Resource persons engaged for the said activates to be fixed for not more than 3(three) nos.
- D.6. Minimum Qualification of the resource - should be having Degree/Diploma/ITI certificate.
- D.7. Should provide detailed curriculum vitae of the manpower possessing the minimum qualification criterion as stipulated above.
- D.8. Manpower should be proficient in Bengali.
- D.9. Should have a minimum annual turnover of INR 50.00 Lakhs (fifty lacs) only (INR or its equivalent in foreign currency) in all of the last three years i.e. FY 2021-22, 2022-23 and 2023-24. The audited annual statements for the last three years should be submitted.

**E. Payment Terms:-**

Payment shall be made by SDA Tripura as follows:-

- I. Release of 60% Payment of contract value after completion of Task I & Task II vide clause no. A(A.1 & A.2).
- II. Release of balance 40% Payment of contract value after completion of Task III vide clause no. A(A.3).



## Expression of Interest with Rate Quotation

Sl No	Description of work	Unit	Qty.	Rate ( in Rs )	Amount Excluding GST ( In Rs )	% of GST applicable	GST Amount ( in Rs )	Amount with GST ( in Rs )
1.	Conducting Market Surveillance for Standards and Labelling (S & L) program of BEE at State Level at Tripura	Job	1					

( Rupees \_\_\_\_\_ only)

Signature & Seal of Bidder