

**IMMEDIATE**

F.No.6-2/2017-Plg. & HRD  
Government of India  
Archaeological Survey of India

Janpath, New Delhi-110011.  
Dated the, 28.08.2017

To

All Archaeological Offices,  
Archaeological Survey of India

28 AUG 2017

Subject:- Economy measures – Mandatory Installation of LED based lighting in all Government Buildings – regarding.

Sir,

As one of the economy measures, a decision has been taken by the Central Government for mandatory installation of LED based lighting and energy efficient equipments (Fans & ACs) in all Govt. Buildings. All Ministries/Departments have been communicated to convert the existing lightings/equipments in their offices into LED based lightings and energy efficient equipments on priority by utilizing the services of CPWD/EESL (Copy enclosed).

With the above object as also for information of all concerned the model Agreement/Contract, to be entered into between the client Organization and EESL, is available at <http://doc.gov.in/whatsnew/economy-measures-mandatory-installation-led-based-lighting-all-government-buildings>. There already exists an agreement between CPWD and EESL for installation of LED lightings by EESL in all those Govt. Buildings maintained by CPWD and where CPWD is paying the electricity bills. The Client Organizations and EESL on mutual agreement can modify/amend the provisions of the model Agreement/Contract to suit their specific requirements. In respect of those Govt. Buildings maintained by CPWD but where the electricity bill is borne/paid by the respective Ministry/Department, CPWD (as third party) will countersign the agreement to provide comfort to the Ministry/Department as well as extending help for implementing the contract.

Accordingly, in pursuance of DOE's directions, EESL have requested to all the Government offices to provide the following details in the enclosed format to enable them to submit the proposal for transforming the Govt. Building into energy efficient ones:-

- (i) Inventory of energy consuming equipments like Light/Fans/AC.
- (ii) One year electricity bill copies/prevaling electricity tariff.

It is therefore, requested, to take immediate necessary action in view of the above decision taken by the Government for ensuring economy in Government expenses, directly with EESL under intimation to this office.

Yours faithfully,



( Tara Chandar )

Deputy Director(Administration)

P.T.O.

Encl:- As above.

Copy to:-

1. Director(E.Coord), Department of Expenditure, Ministry of Finance, North Block, New Delhi with reference to their Office Memorandum No.25(24)/E./Coord/2017 dated 4.8.2017.
2. Shri Santosh Kumar Thakur, General Manager(T), Energy Efficiency Services Limited (EESL), 4<sup>th</sup> Floor, Sewa Bhawan, R.K. Puram, New Delhi-110066 with reference to their letter No.EESL/BEEP5396 dated 9.8.2017.
3. Shri Maneesh Rajan, Under Secretary, General Administration, Ministry of Culture, Shastri Bhawan, New Delhi with reference to their letter No.9-17/2017-GA dated 14.8.2017.
- ✓ 4. Dy.S.A.(ASI Website), ASI, Janpath, New Delhi for uploading.



( Tara Chandar )

Deputy Director(Administration)



Adg Archaeology <adg1.asi@gmail.com>

**Fwd: Economy measures - Mandatory installation of LED based lighting in all Government Building - regarding**

General Culture <general.mins.culture@gmail.com>  
To: Adg Archaeology <adg1.asi@gmail.com>

Tue, Aug 22, 2017 at 11:41 AM

[Quoted text hidden]

2 attachments

LED 208172017115829.pdf  
2812K

LED08162017151415.pdf  
566K

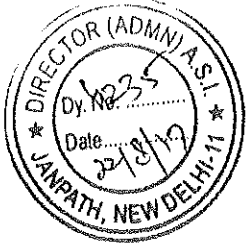
*CP*

*22/8*

*DD (Adg)*

*Im Chandra*

*22/8/17*



*Pl. issue letters to all  
ASI offices for compliance*

*Im  
22/8*

*Planning  
Sh. Chandra*

2

**F. No.9-17/2017-GA  
Government of India  
Ministry of Culture  
General Administration**

Shastri Bhawan, New Delhi  
Dated 14<sup>th</sup> August, 2017

To

As per list attached.

Subject: Economy Measures – Mandatory installation of LED based lighting in all Government Buildings – regarding

Sir/Madam,

I am directed to enclose a letter dated 9.8.2017 received from Energy Efficiency Services Limited (EESL) attached therewith OM No. 25(24)/E.Coord/2017 dated 4.8.2017 of D/o Expenditure on the above subject.

2. D/o Expenditure vide above OM has taken a decision for mandatory installation of LED based lighting and energy efficient equipments (Fans & ACs) in all Govt. buildings and requested all Ministries/Departments to convert the existing lightings/equipments into LED based lightings and energy efficient equipments on priority, utilizing the services of CPWD/EESL.

3. The model Agreement/Contract to be entered into between the client Organization and EESL is available at <http://doe.gov.in/whatsnew/economy-measures-mandatory-installation-led-based-lighting-all-government-buildings>. There is already an agreement between CPWD and EESL for installation of LED lightings by EESL in all those Govt. buildings maintained by CPWD and where CPWD is paying the electricity bills. The Client Organizations and EESL on mutual agreement can modify/amend the provisions of the model Agreement/Contract to suit their specific requirements.

4. In respect of those Govt. buildings maintained by CPWD but where the electricity bill is borne/paid by the respective Ministry/Department, CPWD (as third party) will countersign the agreement to provide comfort to the Ministry/Department as well as extending help for implementing the contract.


5. Consequent upon D/o Expenditure above OM, EESL has requested to provide the following details in the enclosed format to enable them to submit their proposal for transforming the Govt. building into energy efficient ones:

1. Inventory List of energy consuming equipment's like Light/fans/AC
2. One year electricity bill copies/prevailing electricity tariff

P.T.O

6. It is therefore requested to take necessary action in the matter and intimate DoE directly under intimation to this office.

Yours faithfully,

  
(Maneesh Rajan)

Under Secretary to the Govt. of India

3



एनर्जी एफिशिएंसी सर्विसेज लिमिटेड  
(भारत सरकार, विद्युत मंत्रालय के सार्वजनिक क्षेत्र के उपक्रमों का संयुक्त उद्यम)  
**ENERGY EFFICIENCY SERVICES LIMITED**  
(A JV of PSUs under the Ministry of Power, Govt. of India)  
CIN : U40200DL2009PLC196789

09<sup>th</sup> August, 2017

Ref No: EESL/BEEP/5.386

To,

Sh. Manoj Deori,  
Under secretary  
Ministry of Culture,  
202 D, Shastri Bhawan,  
New Delhi, 110115

**Subject: Implementation of Energy Efficiency Measures in Government Building-reg.**

Dear Sir,

As you may be aware, Government of India has taken a decision for mandatory installation of LED based lighting and energy efficient equipment (Fans & ACs) in all Government buildings.

In this regard, I am pleased to inform you that Energy Efficiency Services Limited (EESL) has been successfully working on a diverse portfolio of energy efficiency projects including building energy efficiency program, replacement of old inefficient pump-sets in agriculture sector for various states, street lighting for municipal bodies, public home lighting etc. We have recently concluded building energy efficiency projects for Niti Aayog (erstwhile Planning Commissions of India), Shram Shakti Bhawan (Ministry of Power/Water/Labour), Union Public Service Commission (UPSC), IP Bhawan, Nirman Bhawan, other CPWD buildings, amongst others and are under the process of implementing energy efficiency projects for 869 nos of railway stations for Ministry of Railways and 3000 nos of buildings under PWD, Govt. of Maharashtra. The completed projects have demonstrated energy savings potential to the tune of 35% that can be achieved through the use of energy efficient appliances. The significant aspect of such projects is that EESL is executing them on ESCO model which obviates the need for upfront capital investment by the beneficiary organization, as finances are arranged by EESL and resultant monetary benefit accruing from energy savings is used for repayment over a period of time.

Similar energy efficiency interventions could be leveraged to enhance energy efficiency of your buildings spread across the country and consequently reduce the associated energy and operational costs.

Department of Expenditure (E.Coord), Ministry of Finance vide its Office Memorandum F.No. 25(24)/E.Coord/2017 dated 04<sup>th</sup> Aug, 2017 (*copy enclosed*) has requested all ministries/Departments to convert the existing lighting/equipment into LED based lighting and energy efficient equipment utilizing the services of EESL.

**कॉर्पोरेट ऑफिस / Corporate Office**

चौथा एवं पांचवा तल, आई डब्ल्यू ए आई भवन,  
ए-13, सेक्टर - 1, नोएडा - 201301, (उत्तर प्रदेश)  
4th & 5th Floor, IWAJ Building,  
A-13, Sector - 1, Noida - 201301, (UP)  
दूरभाष / Phone: 91-120-4908000 फैक्स / Fax: 91-120-4908099

**रजिस्टर्ड ऑफिस / Registered Office**

चौथा तल, सेवा भवन,  
आर० के० पुरम, नई दिल्ली-110066  
4th Floor, Sewa Bhawan,  
R. K. Puram, New Delhi - 110066  
वेबसाइट / Website : www.eeslindia.org

②

EESL would be happy to associate with your organization and to move further in this endeavor, we request you to please provide us the following details in the enclosed format at the earliest, enabling us to submit our proposal for transforming your buildings in to energy efficient ones.

- Inventory List of energy consuming equipment's like Lights/fans/AC' (in the enclosed format)
- One year electricity bill copies/ prevailing electricity tariff

I look forward to your positive affirmation on the above and your valued support in this noble endeavor.

We would be happy to explain you further; if desired.

With Regards

Yours sincerely,



(Santosh Kumar Thakur)  
General Manager (T)

6

F.No. 25(24)/E.Coord/2017  
Ministry of Finance  
Department of Expenditure  
(E.Coord)

North Block, New Delhi  
Dated: 4th August, 2017

OFFICE MEMORANDUM

**Subject: Economy Measures - Mandatory installation of LED based lighting  
in all Government buildings - regarding**

The Hon'ble Prime Minister on 5th January 2015 launched the National LED programme to facilitate rapid adoption of LED based home and street lighting across the country. The programme components, Unnat Jyoti by Affordable LEDs for All (UJALA) and Street Lighting National Programme (SNLP) are under implementation in 34 States and UTs. This programme along with Building Energy Efficiency Programme (BEEP) is being implemented by Energy Efficiency Services Limited (EESL), a joint venture company of four power sector Central PSUs. EESL works on Energy Services Company (ESCO) model wherein upfront investment is done by EESL and the investment is recouped on annuity basis with performance based guaranteed energy saving during the project period.

2. Pursuant to the above the Central Government has taken a decision for mandatory installation of LED based lighting and energy efficient equipments (Fans & ACs) in all Government buildings.

3. Government buildings is a major source of energy consumption. Usage of LED based lightings and energy efficient equipments in Government buildings will lead to economy in expenditure and savings in the long run through reduction in energy consumed.

4. Keeping in view the economy in expenditure and savings that will entail, all Ministries/Departments are requested to convert the existing lightings/equipments into LED based lightings and energy efficient equipments on priority utilizing the services of CPWD/EESL.

- 1 -

*[Handwritten Signature]*



2

5. The model Agreement/Contract to be entered in to between the Client Ministry/Department and EESL is enclosed for reference. The Client Ministry/Department and EESL on mutual agreement can modify/amend the provisions of the model Agreement/Contract to suit their specific requirements.

6. In respect of those Government buildings maintained by CPWD but where the electricity bill is borne/paid by the respective Ministries/Departments, CPWD (as third party) will countersign the agreement to provide comfort to the Ministry/Department as well as extending help for implementing the contract.

7. Action taken in this regard be reported to Ministry of Power and Department of Expenditure by 15.08.2017 for monitoring purposes.

  
(H. Atheli)  
Director

To

All Secretaries of Ministries/Departments

Copy to

1. Cabinet Secretary, Government of India
2. Prime Ministers' Office, South Block
3. Managing Director, EESL, IWA1, A-13, sector-1, Noida.

Details of Existing Fixtures (Lights)										
Sr. No.	Equipment Type	Equipment Detail	Warm/ Cool white	Size in mm (for Downlighters/Panel Light, mention diameter)	Rating (Watt)	Quantity (No)	Annual Use Days	Daily Use in hrs	Power Factor	
1	T12 Tube Light single fitting									
2	T12 Tube Light twin fitting									
3	T8 Single Fitting									
4	T8 double fitting									
5	T5 single									
6	T5 double									
7	Big size downlighter									
8	Medium size downlighter									
9	Small downlighter									
10	Twin CFL Downlighter									
11	PANEL LIGHTS (1 X 36W CFL)									
12	PANEL LIGHTS (2 X 36W CFL)									
13	PANEL LIGHT (2X10W CFL)									
14	PANEL LIGHT (4 X 14 1/5)									
15	PANEL LIGHT (4 X 18 1/5)									
16	Outdoor Light 400W									
17	Outdoor Light 250W									
18	Outdoor Light 150W									
19	High bay light									
20	High bay light									
21	High bay light									
22	Garden light/Pole Light/Ground Light 20W									
23	Garden light/Pole Light/Ground Light 25W CFL									
24	Any other Street light									
25	Any other Street light									
	Tariff Rate									
	Note									
	1. Add to the details of light should be added, if not covered in the list									
	2. Last Year Electricity Bills or average tariff rate of the plant/building									

29

Sr. No.	Equipment Type	Equipment Detail	Ratings (Watt)	Quantity (No)	Annual Use Days	Daily Use in hrs	Star Rating Details	Year of Installation