

# Government of Madras.

## EDUCATIONAL DEPARTMENT.

*Recd.*

*Reqd.*

} 1908.

*Enclosures*

*Spare copies*

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G.O., No. 332, 5th May 1908.

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Presidency College, Madras.

Considering that the cost of the proposed electric installation at the — is excessive and requesting the Director of Public Instruction to find out whether electric lighting is necessary for the college and to suggest a more moderate scheme for the purpose.

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order  
page no  
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Considering that the cost of the proposed electric installation at the — is excessive and requesting the Director of Public Instruction to find out whether electric lighting is necessary for the college and to suggest a more moderate scheme for the purpose.

## GOVERNMENT OF MADRAS.

## EDUCATIONAL DEPARTMENT.

READ— the following papers :—

## I

*Letter*—from the Hon'ble Mr. A. G. BOURNE, D.Sc., F.R.S., Director of Public Instruction.

*To*—the Secretary to Government, Educational Department.

*Dated*—Madras, the 4th February 1908.

*No.*—Ref. on Cur. 291.

With reference to G.O., No. 1411 W., dated 4th July 1906, communicated under your endorsement No. 334, dated 21st July 1906, and in continuation of my letter, Dis. No. 2382, dated 14th April 1906, I have the honour to submit herewith plans and estimates in connection with the electric installation at the Presidency College, Madras, from which, it will be seen, that the installation is estimated to cost Rupees 11,600 and maintenance Rs. 1,470 per annum. The scale now provided for is more elaborate than that proposed by Mr. Allen, the late acting Principal, in his letter No. 207, dated 5th April 1906, copy of which was submitted to Government with my letter quoted above. The present Principal, Mr. Stone, appears to consider a more complete installation necessary, and the details of the additions and alterations now proposed by him are given in the enclosed copy of his letter No. 10, dated 10th January 1908.

## ENCLOSURE.

*Endorsement*—of J. H. STONE, Esq., M.A., Principal, Presidency College, Madras.  
*Dated*—the 10th January 1908.  
*No.*—10.

Submitted to the Director of Public Instruction,

2. The estimates provide for a more complete installation than that contemplated by Mr. Allen in his letter No. 207, dated 5th April 1906, the principal additions being the provision of lights throughout the halls and corridors and for the Principal's room and his lecture room. There are also some alterations of detail to meet the wishes of the Professors of Physical and Natural Science. The question whether Assistant Professors and masters should have fans has been discussed in Mr. Allen's letter. I would add to his arguments the consideration that it is inexpedient to regard any rooms as being necessarily and permanently devoted to their use. Under the new University system which must, I think, involve inter-collegiate lecturing, it seems to me very likely that more will be done in the college after dark. I, therefore, propose lights for the lecture room commonly known as the Principal's and for his room, the common room and dressing room and table lamps for the Professors' private rooms and for the office.

Provision is also made for completing the lighting of the science laboratories and lecture rooms and for additional power for the physical and chemical laboratories.

## II

## Memorandum No. 272-1, Educational, dated 4th March 1908.

With reference to his letter, R.O.C. No. 291, dated 4th February 1908, submitting plans and estimates for an electric installation in the Presidency College, Madras, the Director of Public Instruction is requested to be so good as to furnish Government with full information as to the amount of expenditure incurred annually on account of lighting and punkah-pulling for the college during the past three years. The particulars under each head should be given separately.

(By Order.)

C. A. SOUTER,  
Asst. Secretary to Govt.

To the Director of Public Instruction.

## III

*Letter*—from the Hon'ble Mr. A. G. BOURNE, D.Sc., F.R.S., Director of Public Instruction.

*To*—the Secretary to Government, Educational Department.

*Dated*—Madras, the 12th March 1908.

*No.*—Ref. on Cur. 291.

With reference to your Memorandum No. 272-1, dated 4th March 1908, I have the honour to state that the amounts of expenditure incurred on account of lighting and punkah-pulling in the Presidency College during the last three years are as shown below :—

|           |    |    |    |    |    |    |    | RS. | A. | P. |
|-----------|----|----|----|----|----|----|----|-----|----|----|
| Punkah—   |    |    |    |    |    |    |    |     |    |    |
| 1904-1905 | .. | .. | .. | .. | .. | .. | .. | 371 | 10 | 11 |
| 1905-1906 | .. | .. | .. | .. | .. | .. | .. | 373 | 14 | 11 |
| 1906-1907 | .. | .. | .. | .. | .. | .. | .. | 323 | 7  | 2  |
| Lighting— |    |    |    |    |    |    |    |     |    |    |
| 1904-1905 | .. | .. | .. | .. | .. | .. | .. | 27  | 5  | 7  |
| 1905-1906 | .. | .. | .. | .. | .. | .. | .. | 25  | 1  | 9  |
| 1906-1907 | .. | .. | .. | .. | .. | .. | .. | 20  | 12 | 10 |

## Order—No. 332, Educational, dated 5th May 1908.

The Government consider that the cost of the proposed electric installation at the Presidency College is excessive. The Director of Public Instruction is requested to find out whether a more moderate scheme would not suffice and whether electric lighting is necessary for the college, especially as very little work appears to be done after dark.

(True Extract.)

H. D. TAYLOR,  
Secretary to Government.

To the Director of Public Instruction.  
" Public Works Department.

NOTES CONNECTED WITH G.O., No. 332, EDUCATIONAL, DATED  
5TH MAY 1908.

[SUBJECT.—*Electric Installation at the Presidency College, Madras.*]

*Previous papers.*

|                       |                  |       |
|-----------------------|------------------|-------|
| G.O., No. 1411 W.     | dated 4th July   | 19 6. |
| " " 594, Educational, | " 11th September | "     |
| " " 35,               | " 15th January   | 1908. |

*From the Director of Public Instruction, dated 4th February 1908, No. 291.*

Please see G.O., No. 1411 W., dated 4th July 1906, and the notes connected with it. In that order the question of supplying the Presidency and the Engineering Colleges with electric fans and lights was ordered to lie over until the works of Messrs. Crompton and Co. (the Electric Supply Company) were more advanced.

2. The Director of Public Instruction now forwards plans and estimates for an electric installation at the Presidency College. The installation is estimated to cost Rs. 11,600 and its maintenance Rs. 1,470 per annum.

3. Attention is invited to the Hon'ble Mr. Forbes' note, dated 22nd May 1906, on page 30 of G.O., No. 1411 W., dated 4th July 1906, wherein he observed :—

"There seems no need for an electric installation in the Presidency College and the Engineering College which have long vacations; nor is it clear that it would be economical. At any rate the question need not be raised now."

4. The punkah-pulling establishment of the Presidency College consisted of nine men on Rs. 3-8-0 each employed throughout the year. This establishment has since been placed on a temporary basis, eight of the nine men having been eliminated from the establishment of the college as there was no need to employ them throughout the year including the vacation. It has also been decided that the College of Engineering should be removed to Saidapet and the Public Works Department has been requested to arrange to have the plans and estimates prepared for a new building at Saidapet—*vide* G.O., No. 35, Educational, dated 15th January 1908.

5. It is for consideration whether the Director's proposal as regards the installation at the Presidency College may be approved.

P.R.—27-2-08.

The Director of Public Instruction has not furnished any information as to how much is now spent on account of punkah-pullers and how much on account of lighting. The annual cost of maintenance of the electric installation is stated to be Rs. 1,470, and without some information as to what expenditure is now annually incurred on punkahs and lights, it is not possible to form any idea of the financial effect of the proposal. The Director of Public Instruction may, it is submitted, be asked to furnish this information.

Rs. 122-8-0 per mensem.

*Vide* the Director of Public Instruction's letter on page 2 of G.O., No. 345 W., dated 20th March 1907.

2. An installation of electric fans was sanctioned for the Medical College in 1907, but the initial cost was only Rs. 2,817 and the cost of maintenance Rs. 22-12-6 per mensem.

K. RANGASWAMI AIYANGAR—27-2-08.

Yes. Please find out.

C. A. SOUTER—23-2-08.

The draft memorandum placed below is submitted for approval.

P.R.—3-3-08.

K. RANGASWAMI AIYANGAR—3-3-08.

Issue.

C. A. SOUTER—3-3-08.

[Memorandum No. 272-1, dated 4th March 1908.]

From the Director of Public Instruction, dated 12th March 1908, No. 291.

The Director of Public Instruction reports that the expenditure incurred on account of lighting and punkah-pulling in the Presidency College during the last three years was as follows:—

| Year.     | Punkah. | Lighting. | Total. |
|-----------|---------|-----------|--------|
|           | RS.     | RS.       | RS.    |
| 1904-1905 | 372     | 27        | 399    |
| 1905-1906 | 374     | 25        | 399    |
| 1906-1907 | 323     | 21        | 344    |
| Total ..  |         |           | 1,142  |

2. The average cost per annum on account of punkah and lighting is Rs. 380.

3) 1.142  
380

The estimated initial outlay on the electric installation is Rs. 11,600 and the annual maintenance charges are put down at Rs. 1,470. The electric installation will thus involve an increase of Rs. 1,090 in the annual recurring charges and an outlay of Rs. 11,600.

K. RANGASWAMI AIYANGAR—23-3-08.

The cost seems prohibitive.

C. A. SOUTER—23-3-08.

H. D. TAYLOR—24-3-08.

Financial u.o. for remarks.

#### FINANCIAL DEPARTMENT.

On the facts, the provision of electric lights would be wasteful and this part of the scheme seems to be fanciful. Fans might perhaps be introduced, but the point is for Educational to move first.

C. M. SCHMIDT—25-3-08.

The increased cost is so great that the chances of getting any installation at all are endangered.

I think it should be possible to cut down the scheme. The Director of Public Instruction says that the present scheme is more elaborate than the one formerly proposed by Mr. Allen.

I doubt the necessity for lights; very little work is done after dark, I fancy.

I don't know whose the figures are in the estimate; if Crompton's, then it is worth while remarking that one of Crompton's own people told me that there are other cheaper firms to be found.

J. N. ATKINSON—26-3-08.

To the Educational Department.

#### EDUCATIONAL DEPARTMENT.

Draft please to the Director of Public Instruction saying that Government consider the cost of the installation too great and request him to find out whether a more moderate scheme would not suffice and whether electric lighting is necessary. He should also ascertain whether some other firm would not do the work more cheaply.

C. A. SOUTER—30-3-08.

The draft order placed below is submitted for approval.

The draft may be sent to the Public Works Department for acceptance.

P.R.—1-4-08.

K. RANGASWAMI AIYANGAR—1-4-08.

C. A. SOUTER—2-4-08.

Public Works Department u.o. for acceptance or remarks. I have some idea that there is an understanding that if the work is to be done at all, the Madras Electric Corporation have, under the terms of their license, the prior claim to do so. But the Public Works Department will know.

H. D. TAYLOR—3-4-08.

To the Public Works Department.

#### PUBLIC WORKS DEPARTMENT.

The present estimate provides for the erection, by the Public Works Department, of the wires and fittings for lights and fans, but not for generating plant, as the current will be obtained from the Electric Supply Corporation. The Government is under no obligation to employ the Corporation for the erection of installations; but there is an understanding that if the Corporation lays a distributing main along the Marina, all public offices at Chepâk will take current from the Corporation. The Public Works Department is now in correspondence with the Corporation as to the rates to be charged for current. The Educational Department may therefore be advised to defer orders on the present proposal until the Public Works Department have settled terms of supply.

R. PARSONS—7-4-08.

The last paragraph of the draft might perhaps be omitted in the light of the facts as stated above, and a fresh estimate prepared if the Director of Public Instruction reduces his requirements.

P. HAWKINS—23-4-08.

I would omit the last paragraph. The estimate for maintenance is based on a rate of 4 annas per B.T.U. for current. The local representatives of the Electric Supply Corporation have referred a question as to the rate to be charged to Government to their directors and it is possible they may be able to quote a considerably lower rate than the 4 annas if Government take current from the Corporation for all of the installations. I think it will be better to await a definite reply from the Electric Corporation on this point before approaching other firms for the supply of current.

F. J. WILSON—20-4-08.

To the Educational Department.

No. 332, EDUCATIONAL, 5TH MAY 1908.

EDUCATIONAL DEPARTMENT.

The draft may issue with the last sentence omitted.

H. D. TAYLOR—30-4-08.

Approved.

M. H[AMMICK]—4-5-08.

Issue.

H. D. TAYLOR—5-5-08.

[G.O., No. 332, Educational, dated 5th May 1908.]

Stock Form No. 185.  
4,000-27-4-06.

EDUCATIONAL DEPARTMENT.

Ed. No. 272

Received 11-9-06 26-6-06 190, Registered 6/2 1908.



Subject.

Submitting plans and estimates in connection with the electric installation in the Presidency College, Madras.

ENCLOSURES.

No. 6

Spare copies

Ref on Cur No. 291/08

Station Madras, Dated the 4 February 1908.

From (Name) The Hon'ble Mr. A.C. Bourne, D.Sc., F.R.S.,

(Designation) Director of Public Instruction.

Madras

To the Secretary to the Government of Madras,  
Educational Department.

Sir,

With reference to G.O. No. 1411 W., dated 4th July 1906 communicated under your endorsement No. 334 dated 21st July 1906 and in continuation of my letter Dis. No. 2382 dated 14th April 1906, I have the honour to submit herewith plans and estimates in connection with the Electric installation at the Presidency College, Madras, from which, it will be seen that the installation is estimated to cost Rs. 11,600 and maintenance Rs. 1470 per annum. The scale now provided for is more elaborate than that proposed by Mr. Allen, the late acting Principal, in his letter No. 207 dated 3rd April 1906 copy of which was submitted to Government with my letter quoted above. The present Principal, Mr. Stone, appears to consider a more complete installation necessary and the details of the additions

Page 3 do.

Page 4-7 do.

20/6/2



Received.....190 , Registered.....190 &

Subject.

Reporting the amount of expenditure incurred on account of punkah pulling and lighting in the Presidency College, Madras, for the past three years.

ENCLOSURES.

No. ....

Spare copies .....

Ref on Cur No. 2 9 1 / 08.

Station M a d r a s , Dated the 12<sup>th</sup> M a r c h 190 &

From (Name) The Hon'ble Mr. A.G. Bourne, D.Sc., F.R.S.,

(Designation) Director of Public Instruction,

M a d r a s.

To the Secretary to the Government of Madras,  
Educational Department

Sir,

With reference to your Memorandum No. 272 - 1., dated 4th March 1908, I have the honour to state that the amounts of expenditure incurred on account of lighting and punkah pulling in the Presidency College during the last three years are as shewn below :-

Punkah.

|             |                   |
|-------------|-------------------|
| 1904 - 1905 | Rs. 371 - 10 - 11 |
| 1905 - 1906 | 373 - 14 - 11     |
| 1906 - 1907 | 323 - 7 - 2       |

Lighting.

|             |                |
|-------------|----------------|
| 1904 - 1905 | Rs. 27 - 5 - 7 |
| 1905 - 1906 | 25 - 1 - 9     |
| 1906 - 1907 | 20 - 12 - 10   |

I have the honour to be,  
S i r,  
Your most obedient servant,

*O. S. S.*  
for Director of Public Instruction.

M.S.S.

7

READ AGAIN G.O., No. ...., dated..... 190

” ” ” ” ..... ” ..... 190

READ ALSO:—

C. No. 272, From the S. P. J., No. 291, dated 4. 2. 1908

" " 619, " " ..... " " ..... " " ..... 14. 3. 1908

[illegible]

ORDER.

No. 332, dated 5 - 5 - 1908

The Government Consider  
that the Cost of the proposed  
electric installation at the  
Presidency College is <sup>excessive</sup> too great.  
The Director of Public Instruction  
is requested to find out whether  
a more moderate Scheme would  
not suffice and whether  
electric lighting is necessary for  
the College, especially, as very  
little work <sup>appears to be</sup> done after dark.  
He is also requested to ascertain  
whether some other firm would  
not do the work more  
cheaply.

9 7P (2)

cheaply than ~~what~~ is now  
~~proposed.~~ the ~~Madras~~ Electric  
 Supply Corporation  
 10  
 1-4-08 Ld.]  
 Cal  
 2-4-8

DESPATCHED  
 6-MAY 1908

Plans sent.  
 dated  
 9/5/8

To the D. P. O. V. 6-5-08  
 P. W. D. V.