

Edl (1916) Department.

His SERIES.

G.O. No. 316

DATED 23. 3. 16

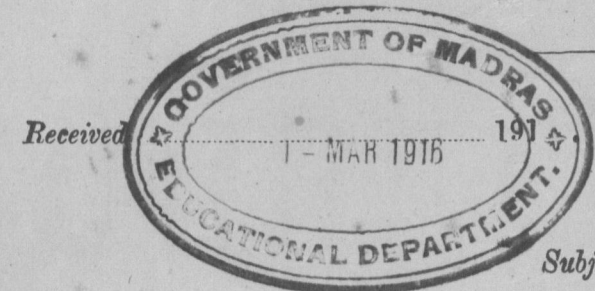
[Despatch Abstract.]

Government College - Kumbakonam
Sanctioning the payment of the
additional expenditure of Rs
1139-4-0 incurred on the installation
of the electric plant & fittings
in the ———.

C.No. 757 ² 208

C.F.—20.

Educational DEPARTMENT.



Registered 13 1916.

Subject.

Submitting final report of inspection of the Electric installation at the Kumbakonam College.

ENCLOSURES.	
No.	
.....	
Spare copies	

Ref. on Cur. No. 8810/11,

Station Madras, Dated the 28th February 1916

From (Name) The Hon. Mr. J.H. Stone, M.A., F.R.H.S., C.I.E.,

(Designation) Director of Public Instruction.

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

Sir,

(I)

pp 18-19
infra

With reference to G.O.No. 79 Edl., Mis., dated 27th January 1915 sanctioning the estimate of Messrs Crompton and Co., for Rs.6,855 for the installation of electric plant and fittings at the Kumbakonam College, I have the honour to report that the work has just been completed and to enclose herein the final report of inspection of the installation by the Electric Inspector. The defect pointed out in para 4 of the report will be duly attended to at an early date.

157
p14
infra

The Principal, Kumbakonam College, in his letter R.C.No. 77/13, dated 21st October 1915 brought to my notice

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that certain alterations and additions in the original plan were found necessary (Vide his note enclosed) and now reports that these have been carried out and that the additional expenditure involved thereby is Rs.1,139-4-0. I have the honour to request that Government will be pleased to sanction this additional amount also. These amounts will be met from the savings expected in the provision for Europe stores in the current year's budget under " 22 C. Education-Government Colleges-General. These savings are the result of the delay and difficulties which are being experienced in the shipment of stores from England.

A

The bills from Messrs. Crompton and Co., are also enclosed herein for perusal and favour of return.

I have the honour to be,

S i r,

Your most obedient servant,

R. A. Anave.

P.V.S.

for Director of Public Instruction.

R.C. No. 77 of 13
Dis.

NAME OF INSTITUTION

Government College

STATION

Kumbakonam

Date

21st October

1915.

FROM

(Name) R. M. Satham, Esq

Ag. Principal,

(Designation) Kumbakonam College.

To

The Director of Public Instruction,
Madras.

SIR,

I have the honour to report that the materials for the erection of electric plant have reached the College and the men sent by Messrs. Crompton & Co are at work in connection therewith. In the execution of the work I have made the alterations and suggestions specified in the enclosed note and have given them instructions to carry on the work accordingly. In this connection I refer you to G.O. No 79 Est. Dis. dated 27-1-15 accepting the estimate of Messrs. Crompton and Co. for Rs 6,855 and to your Pro: Ref: on C. No 8810 of 1911 dated 5.2.15. As the changes now suggested will involve an additional cost I request that necessary funds may be provided therefor. I cannot find means to provide for the cost from the College Budget provision for 1915-16. Messrs. Crompton & Co have been requested to report, after the completion of the work, the exact amount of additional cost incurred by them. It will be communicated to you later on.

I have the honour to be,
Sir,
your most obedient servant,
R. M. Satham
Ag. Principal

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Recd by
11/10/15

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Note of suggestions, etc in connection with electric plant,
Kumbakonam College

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1. The Dynamo and Engine are to be mounted in the workshop near the window on the South wall.
2. The Booster and the two Switch boards are to be mounted in the Dynamo room.
3. A 30. amps. mains terminating in the brass terminals with a D.P. Switch and fuse box. to be provided in the Dynamo room on the South wall.
4. The distribution panel inside the laboratory to be enclosed in a glazed case fitted with two covers controlled by two locks and keys, one to enclose the mains to chemistry and the other to enclose the other mains. The object is to keep the two separate.
5. Add to the distribution panel above (4) two ammeters 0 to 30 amps. one to note the load on the chemistry main, and the other to note the load in all the other mains.
6. The 25 amps. main in the Physics lecture hall is not required. Instead of it, two sets of mains are required on the lecture table. Each fitted with D.P. Switches, fuse blocks etc. terminating on brass terminals. One set of main is for the use of

are lamps 10-15 amps. Capacity and the other for experimental work at the same time. (10-15 amps)

8. A single main of 30 amps. Capacity may run on to the Physics lecture table from the distribution board, terminating in ~~buss~~ bars from which the two circuits may be arranged with D.P. Switches fuses etc. Separate.

7. In the Inter Physics laboratory there is no need for a single 25 amps. main terminating on brass terminals. Instead of it, ^{pairs of} four brass terminals are to be fixed on the benches, each circuit containing a tumbler switch two battery lamp holders in series, with carbon lamps.

8. Also in the inter Physics laboratory 2 wall plugs, 5 amps Capacity are to be put in on one of the benches.

9. In the Physics laboratory 15 incandescent lamps are required with 3 switches to control 5 lamps at a time

10. In the Physics Lecture hall 12 incandescent-

lamps are required with 4 switches to control 3 at a time

11. There is no need for a single 25 amp. main in the Dark room. Instead of it a 10-15 amp. main for the arc lamp with D.P. Switch fuse box etc and two wall plugs on the wall are required. The former to end in brass terminals.

12. The following instruments also are required.

	No.	Capacity	
(1) Ammeter	1	0 to 30. amps.	} Portable types
(2) Voltmeter	3	0 to 60. volts	
(3) Ammeter	2	0 to 15. amps	
(4) Voltmeter	2	0 to 10. volts	

All the above to be of the suspended coil type, with open and equidistant scales.

13. Three dozens of incandescent lamp of (1) carbon and (2) metal filaments will be required.

14. Three dozens of battery lamp holders and two dozens of lamp holders - suspension type will also be required.

15. Put up two wall plugs in the advanced laboratory

R. S. S. S.
Ag. Principal,
Munir Khan College,

Public Works Department

Office of the Electric Inspector
to the Govt. of Madras,

Chennai, Madras.

Dated 28th January 1916.

From

J. J. O'Reilly Esq., B.A. B.E.,

Electric Inspector to the

Govt. of Madras,

To

The Principal,

Govt. College, Kumbakonam.

Sir, I have the honour to inform you that on 22-1-1916 I finally inspected and passed the electric installation at the Kumbakonam College.

2. The insulation resistance to frame of the three machines was found to be low when tested some time back by my predecessor. This insulation resistance is now satisfactory.

3. The other points named by my predecessor in his inspection report submitted to you with this office No. 1784 dated 16th November 1915 have now been rectified with the exception of items (b) and (c) under heading "Battery room". These alterations I do not consider necessary.

4. During my inspection I noted that the battery room door is a very ill-fitting one giving little protection from driving rain.

E. J.
No. 757
1.3.16

NOTES.

8
A properly constructed door should be fitted.

5. During my inspection I had positive and negative signs painted on the respective bus bars on main switch-board so that no mistake in identification can be made. The pointer on the battery charge and discharge ammeter was reading 2 amperes out. This also I rectified. Nos. 3 and 4 switch terminals on main distribution board in school building required tightening and were set right.

I have the honour to be
Your most obedient servant

(SD) J. J. O'Reilly, Esq.
28, January
Electric Inspector.

(True Copy)

R. J. Hall
Ag. Principal

OFFICE NOTE.

SUBJECT. Additional expenditure on the electric installation at the Govt. College, Kinnikanni.

From The D.P. 9, no. 8810-8 28 2-16.

Register No. 75788

Submitted that P. W. D. may be requested to advise whether the additional expenditure of Rs. 1139-40 in question may be sanctioned.

P. W. Dept

D.P. Educational may be informed that the bill of Rs. 1139-40 may be accepted.



PUBLIC WORKS DEPARTMENT.
C. No. 687 W.P.S.
DATE, 11-3-1916.

P.W. No. 687 ^{W.P.S.}/₄ - 2

23/2/16.

Noted in CO 23/3/16

may 22/3/16
22/3/16

22-3-16

Cell no.

Educational Department.

A draft order is submitted for approval

23.3.16
23/3/16

23/3/16

The Government...
the payment of the additional
expenditure of Rs 432.400
on the installation of the electric
plant and fittings in connection
with the Govt. College, Havelock.

23/3/16

P.W.B.

" " : , " " "..... , " " , " " 191

No. 316, dated 23-3- 1916

Inst:

The Government sanction the payment of the additional expenditure of Rs. 1139-4-0 incurred on the installation of the electric plant and fittings in connection with the Govt. College, Kumbhakurn.

$\frac{23.3.16}{23.3.16}$

JKR
23-3-11

Deepo
KCR
23.3-16

To the D.D. (Ltr)
 .. A.G. } (Ltr)
 .. P.W.D. }

g.o. typed
by ~~RR.R.~~ P. h
& enclosure
by ARd
23/3/16
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The Government
the payment of the additional
expenditure of Rs. 11,34,000
in the installation of the
plant and fittings in connection
with the Govt. College, Humberston.

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When given for copying
When copied
When examined
When signed

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READ AGAIN G.O. No.
191

DATED

CURRENT No.

ENCLOSURES TO C. No.

ORDER OF GOVERNMENT

A A A A A A A

LETTER OF GOVERNMENT

STATEMENT WITH DIET

PAPERS NOT FILED UP, BEING MEANT FOR DESPATCH
IN ORIGINAL.

N.E.—

A = Copy in full.
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