

- (1) பக்கங்களின் எண்ணிக்கை - 16 -
 (2) புதுக்கித் திருப்பிய நாள் 25.10.90
 (3) ஆதாரங்குறிப்பவர் சுருக்கொப்பம் 10-11-1891

தமிழ்நாடு ஆவணக் காப்பகம்.

தமிழ்நாடு அரசு

PWD துறை

51

அரசாணை எண். மு. கோப்புத் தாள் எண்.	2988	அச்சகம் பலவகை
நாள் :	10-11-1891	198

மடிக்கவோ கண்டபடி கையாளவோ கூடாது

8 Shells

ஆவண, கா-1-18,006-15-6-87.

10TH NOVEMBER 1891, No. 2988 W., PUBLIC WORKS.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

READ—the following paper:—

From D. DUNCAN, Esq., M.A., D.Sc., Acting Director of Public Instruction,
to the Chief Secretary to Government, dated Madras, 13th October 1891,
No. 11912.

With reference to G.O., No. 235, dated 27th March 1891, Educational, and
No. 1071 W. of the 18th April following, Public Works, I have the honour to submit,
for early sanction, the accompanying plans and estimate amounting to Rs. 4,230 for
laying on gas and water for the Hygiene Laboratory at the Medical College now
approaching completion.

Approved and transferred to the Public Works Department.

(By Order.)

(Signed) A. BUTTERWORTH,
Acting Under-Secretary.

23rd October 1891.

ORDER—dated 10th November 1891, No. 2988 W., Public Works.

The estimate, amounting to Rs. 4,230, for laying on gas and water for the
Hygiene Laboratory at the Medical College, Madras, is sanctioned as supplemental to
the estimate of Rs. 13,117 sanctioned in G.O., No. 1071 W., dated 18th April 1891.

2. This sanction has been registered as Provincial No. 84 W. of 1891-92, and
classified as Civil Buildings, Original Works.

(True Extract).

Major, R.E.,
Under-Secy. to Govt., P.W.D.

To the Consulting Architect to Government, with six enclosures.
" Examiner, Public Works Accounts.
" Educational Department.

Exd. C. M. Bresin.
Spare Copies

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of {1891} Madras.
PUBLIC WORKS.

Dated November, 10th.

Recd.

Encl.

G.O., 10th Nov. 1891, No. 2988 W.

NOVEMBER.

Medical College, Madras

Estimate of Rs. 4,230 for laying on gas and water for the Hygiene Laboratory at the —, sanctioned.

18TH APRIL 1891, No. 1071 W., PUBLIC WORKS.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

READ—the following paper :—

G.O., dated 27th March 1891, No. 235, Educational.

Read—the following papers :—

From the Director of Public Instruction, dated 10th February 1891, No. 1308.

With reference to G.O., No. 431, dated 18th July 1889, Educational, I have the honor to submit for sanction the accompanying plans and an estimate, amounting to Rs. 13,117, for constructing Hygienic Laboratory for the Medical College. I request that the necessary funds may be provided for the early execution of the work, if possible, before the beginning of the winter session, 1891-92.

From the Surgeon-General with Government, dated 21st March 1891, No. 241.

In returning the letter from the Director of Public Instruction and the plans and estimate for constructing Hygienic Laboratory for the Medical College, referred to me for remarks under your endorsement, dated the 21st February 1891, I have the honor to make the following observations.

2. I would draw special attention to the arrangements for the supply of gas to the laboratory. At present it remains doubtful whether the existing apparatus at the Medical College will furnish enough gas for both Chemical and Hygienic Laboratories. For the carrying on of the work of a Hygienic Laboratory a sufficient and uninterrupted supply of gas is absolutely necessary. Attention should therefore be carefully directed to this point during the building of the laboratory, so that any requisite alteration or addition can be subsequently carried out without delay.

3. The pipes carrying the gas should be arranged so that attachment for extra burners can be made at any time around the walls of the laboratory for water baths and other special apparatus without the necessity of tubing running across the laboratory from the sides to the centre or *vice versa*. It is presumed that the sulphuretted hydrogen gas generating cupboard (which will be made exactly like the one in the Chemical Examiner's laboratory) will have gas supplied to it.

4. The Professor's room is entirely unprovided with any means of private research. It will be an immense advantage if the slight alterations necessary for the above purpose can be made. All that would be required in the first place would be a small working bench of exactly the same pattern as those supplied to each student save that in this case the bench should be equal in length to two students' benches. The above could be situated in the Professor's room against the wall at the back of one of the large almirahs in the laboratory (D in the plan), and would certainly prove of immense use in special bacteriological and other researches.

5. I would suggest that the laboratory be constructed as speedily as possible inasmuch as a considerable period must elapse between the completion of the building and the actual commencement of the teaching of Practical Hygiene.

Order—dated 27th March 1891, No. 235, Educational.

The plans and estimates submitted by the Director of Public Instruction are approved and will be transferred to the Public Works Department.

2. The suggestions made by the Surgeon-General in his letter, dated 21st March 1891, No. 241, are approved and the necessary alterations will be made in the plans and estimates in the Public Works Department.

(True Extract.)

(Signed) J. F. PRICE,
Chief Secretary.

ORDER—dated 18th April 1891, No. 1071 W., Public Works.

The estimate, amounting to Rs. 13,117, for constructing a Hygiene Laboratory at the Medical College, Madras, is sanctioned for early execution.

2. A sum of Rs. 10,000 has been provided for the work in the current year's Provincial Civil Works budget. The Consulting Architect will apply for the balance of the estimate when required.

3. The suggestions of the Surgeon-General recorded in the Proceedings read above will be carried out during the construction of the work.

4. The sanction accorded in para. 1 has been registered as Provincial No. 6 W. of 1891-92, and classified as Civil Buildings, Original Works.

(True Extract.)

(Signed) A. C. SMITH, Lieut.-Colonel, R.E.,
Ag. Joint Secy. to Govt., P.W.D.

To the Consulting Architect to Government, with eight enclosures.
" Examiner, Public Works Accounts.
" Educational Department.

Exd. C. A. Munisawmy.
Spare Copies

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of {1891} Madras.
PUBLIC WORKS.

Dated April, 18th.

Recd.

Encl.

G.O., 18th April 1891, No. 1071 W.

APRIL.

Medical College, Madras

Estimate of Rs. 13,117 for constructing
a Hygiene Laboratory at the —, sanctioned
with remarks.

OFFICE OF THE DIRECTOR OF

PUBLIC INSTRUCTION,

Madras, 13th April 1891.

No. 11,912.

From

D. Duncanson, Esq., M.A., B.Sc.,

H. B. GRIGG, Esq., M.A., C.I.E.,

Acting

DIRECTOR OF PUBLIC INSTRUCTION,

Madras.

To

The Honble the Chief Secretary
to Government

SIR,

Fort St. George.

With reference to G.O. No. 235,
of 27th March 1891, and No. 1071
of 18th April following,
Public Works, I have the honor
to submit, for early sanction, the
accompanying Plans & Estimate
amounting to Rupees 4,230 for
laying on gas & water for the
Hygiene Laboratory at the
Medical College (now approaching
completion).

I have the honor to be,
Yours most obedient servant.

D. Duncanson

Acting Director of Public Instruction

Educational Department.

1891.

Educational Department.

From

THE DIRECTOR OF PUBLIC INSTRUCTION,

Madras,

To

THE HONORABLE THE CHIEF SECRETARY
TO GOVERNMENT,

Fort St. George.

No.

Dated 13th

Despatched 13th

Received 14th

October 1891



ENCLOSURES. 3 plans & one
estimate

Subject.

On waiting for sanction
Plans & Estimate, for
Laying on Gas & water
for the Hygiene Laboratory
at the Medical College.

P. W. CURRENT No. 11309

27-3-91 235-
18-7-89: 48/100
2-3-89: 127/884
9-7-89: 497/100
1-5-89: 238/50
18-7-86: 604/80
5-5-91: 74/100

23rd October 1891

Approved & transferred

to the Public Works Dept.

(By order)

Recd. 26-10-91

No. 1071 W of 18-4-91

C. 19/10
R. 23/10

15/10

Public Works Department.

Current No. 11309

Letter No. "

Dated 23rd October 1891

From the Educational Dept.

Lamin
over

TECHNICAL NOTE

Laying on Gas and water for
the Hygiene Laboratory at the
Medical College, Madras.

Amount of Estimate Rs 4,230

This estimate is prepared with
reference to the suggestions made
by the Surgeon General on the
estimate amounting to Rs 13,117
for constructing a Hygiene
Laboratory at the Medical
College, embodied in G.O. No.
1071 W dated 18th April 1891.

It is stated in the report
accompanying the estimate, that
after consultation with Dr.
Pope, the Professor in charge,
it was considered unnecessary
to have a separate water and
gas service for the laboratory,
and it was determined to use
the pumps of the Chemical

Exam

Mainline Dept. by means of
 stop cocks to fill the tanks in
 a similar manner as they
 are now doing for the tanks which
 supply water for the Histo-
 logical class. The present
 estimate provides for erecting
 two additional retorts and 2
 more gas holders with the necessary
 stop cocks & syphons so as not
 to interfere with the gas holders
 supplying the Chemical Exam.
 : iness Dept.

The rates as far as can be
 checked are fair. Contingencies
 & petty expenses are calcd.
 at 5 and 2 1/2 % res:
 : practically.

The plans and estimate
 have been countersigned by
 the Asst. Director of Public In-
 : struction and approved in the
 Educational Dept.

Ths.
 30. 4. 91.

No 2988 W d/10 Nov/91

PUBLIC WORKS DEPARTMENT.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

READ the following

Letter from the Director of } No: 11912 d/13 October 1891
 Public Instruction - }
 Endorsement thereon in the } d/ 23rd October 1891
 Educational Dept. }

The estimate, amounting
 to Rs. 4,230, for laying on
 gas and water for the
 Hygiene Laboratory at
 the Medical College,
 Madras, is sanctioned
 as Supplemental to the
 estimate of Rs. 13,117 sanctioned
 in G.O. No: 1071 W d/18 April 1891.

lcs
 7 Nov

2. This sanction has been
 registered as Provincial
 No: 84 W of 1891-92 and
 classified as Civil
 Buildings, Original works.

To the C.A. to Govt.
 with enclos.
 Encl. P.W. Accts.
 Educational Dept.

10/13
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CN^o 11309

Govt. of Madras

PUBLIC WORKS

16/11/91

10. XI. 91 29886

Medical College,
Madras

=

Estimate of Rs
4230 for laying out
gas & water for the
Hygiene Laboratory
at the sanctioned

70
4

2 C. N. X

2/11/11-
2-30 PM