

- (1) பக்கங்களின் எண்ணிக்கை 20
 (2) புதுக்கித் திருப்பிய நாள் 5.9.90
 (3) ஆதாரங்குறிப்பவர் சுருக்கொப்பம் les

தமிழ்நாடு ஆவணக் காப்பகம்.

தமிழ்நாடு அரசு

133

P.W.D. துறை

அரசாணை எண். மு. கோப்புத் தாள் எண்.	1071	அச்சகம் பலவகை
நாள் :	18-4-1891	198 .

மடிக்கவோ கண்டபடி கையாளவோ கூடாது

10 sheets
 ஆவண, கா-1-18,008-18-6-87.

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.)

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

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

Exd. C. A. Manisawmy,
Spare Copies

1071
2

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.

[25]

Educational Department.

1021/3



PROCEEDINGS OF THE MADRAS GOVERNMENT.

Read the following papers—

Letter 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 esti-
mate amounting to Rs. 13,117 for constructing
Hygienic Laboratory for the Medical College.
I request that the necessary funds may be provid-
ed for the early execution of the work, if possible,
before the beginning of the Winter session, 1891/92.

And letter from the Surgeon General with the
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 in-
dorsement dated the 21st February 1891, I have the
honor to make the following observations—

2. I would draw special attention to the arrange-
ments for the supply of gas to the Laboratory. At
present it remains doubtful whether the existing ap-
paratus at the Medical College will furnish enough
gas

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 alcoves in the Laboratory (D in the plan), and

107/11 2 P

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 - 24th March 1891, No. 235.

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)

OT 130 dsk

To
The Public Works Department
" " Director of Public Instruction
" " Surgeon General with Govt.

Major, R.C.,
Under Secretary to Govt. P.W.D.,
for Chief Secretary?

2.1.9

1701
5

The Public Works
Department

235 total
275 total

1899 and 1900
Public Works Department

and would be a very good thing to have
a report of the work done in the
Department of the Public Works
for the year 1901. It is a very
important report and one which
should be made available to the
public. It is a report of the work
done in the Department of the
Public Works for the year 1901.

The Public Works Department
has been very successful in its
work during the year 1901. It
has been able to complete a
large number of projects and
has been able to save a large
amount of money. It has been
able to complete a large number
of projects and has been able to
save a large amount of money.

The Public Works Department
has been very successful in its
work during the year 1901. It
has been able to complete a
large number of projects and
has been able to save a large
amount of money. It has been
able to complete a large number
of projects and has been able to
save a large amount of money.

P.O. No. 3835

Govt. of Madras

To

The Public Works
Department

Ord. 6/4/91
Enc 8 (5 plan)

Proceedings, dated 27th March 1891,
No. 235 Edib.

Subject.

Hygienic Laboratory
for the Medical College
Madras.

2094 May 2-8-89

776 May 14-8-89

Can
7-4-91

copy 10/4/91 21549

To
Do you have
anything about
an estimate
for a laboratory
for the Hygienic
College -

5253
4/5

DDV
An estimate for the work
was called for in SP

No 2094 W d 2 8.89 ^{or}
now due from the C.A.

The work has been
entered in the Provincial
Budget for 1891-92, item
No 121, with an allotment
of Rs 10000. but it cannot
be begun until the
estimate is sanctioned
by Govt.

 C.A.
6.4.91
Seen
6.4.91

¹⁸⁷¹
D.W. 1/2
This paper has
just been received
from the Public
Dept.

The usual annual
Technical Secretary &c
will be made after
you have seen it.

C.A.
6/4/91

Gen. Chund
 The largest part of
 work can be
 carried out during
 construction, that
 there will be no
 necessity of return
 to the C. & A. for
 revision
 OOB
 6-4-91

Approved.
 Please get the
 Est. through within
 delay, as the
 Laboratory will
 be required about
 October next.
 OOB
 10-4-91

1071/80 1071/8
 Public Works Department.

Current No. 3835
 Letter No. 235
 Dated 27th March/91
 From the Educational Department.

NOTE OF REMARKS.

The accompanying plans &
 estimate under review the
 latter amounting to Rs 13,117
 provides for constructing
 Hygienic Laboratory for
 the Medical College, Madras.

The particulars of the work
 are explained in the report
 and in letter No. 241 of
 21st March/91, from the Surgeon
 General.
Particulars of construction.

Walls & arches are to be built
 with stock bricks in mortar
 & plastered inside with 2
 coats of chunam & outside
 with 2 coats of colored chunam.

Roofing of rooms & skylights
 is to be terraced, for sun
 shade roofing is to be
 of Mangalore tiles inclu-
 ding teak sleepers.

Roof timbers are to be of
 teak & the beamships are
 correct.

Doors & windows are to be of teak.

The rates for the larger number of furniture marked thus x x x in red pencil in the abstract estimate cannot be checked, the other rates are fair.

Contingencies & petty supervision are charged at 5 + 2½ percent respectively.

The plans & estimates have been countersigned by the Director of Public Instruction & approved in the Educational Dept.

In sanctioning the estimate it might be well to read the letter from the Director of Public Instruction of 21st March 1891 No 241 10th February 191 No 1308

& to authorize the Consulting Architect to carry out the necessary requirements in accordance with para 2 of G.O. No 235 of 27th March 191 Educational Dept.

Cin?

9.4.91

No 1071 of 13 April 1891
PUBLIC WORKS DEPARTMENT.
1071/9
PROCEEDINGS OF THE MADRAS GOVERNMENT.

Read the following

Proceedings of Govt. Educational Dept., No 235, of 27th March 1891. *Wes 15/4/91*

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 Comptroller will apply for the balance of the estimate when required.

3. The suggestions of the Surgeon General recorded

recorded in the
Proceedings, read above,
will be carried out
during the construction
of the work.

3. The sanction
accorded in para 1,
has been registered
as Prov. No. 6 W of
1891-92, & classified as
Civil Buildings, Bridge
Works.

sub
10.4.91

Ad
18/4

Civil
10.4.91
May

C.A. to Govt
with 8 encls.
Ex P. W. Acct
Encl Sept. 10/4

Cu

only 10.4.91
all 69.4
the 14.4.91
see 16.4.

May

3835

1890.

Public Works Department.

W. J. G. 11/14-91

No.

Dated

Despatched

Received

18-4-91 Co. 107162.

SUBJECT.

Med. Coll., Madras.

Est of Rs 13,117. for
Construct a Hygiene
Laboratory at the
Sanitation with Remains.

10/14

(10)

rec 18/4