

27TH MAY 1886, No. 329, EDUCATIONAL.

GOVERNMENT OF MADRAS.

EDUCATIONAL DEPARTMENT.

READ—again the following paper :—

G.O., dated 3rd February 1886, Mis. No. 68, Educational.

Read—the following despatch from the Right Honorable Lord RANDOLPH CHURCHILL, Her Majesty's Secretary of State for India, to His Excellency the Right Honorable the Governor in Council, Fort St. George, dated India Office, London, 5th November 1885, No. 9 (Public Works) :—

In the annual report on the working of the Madras Civil Engineering College forwarded with the letter from your Secretary in the Educational Department, No. 486, dated 5th August 1885, reference is made to the inability of this institution to respond to the claims made on it for admission to their full extent, owing to the present limited accommodation.

2. Your Excellency was addressed by my predecessor in connection with this subject in his Public Works despatch, No. 17, dated 30th October 1884, and I shall be glad to receive a report on any action which you may have already taken in the matter, or may have in contemplation.

3. The general efficiency of the institution and its increasing popularity, as shown in the report, are very satisfactory.

Order—dated 3rd February 1886, Mis. No. 68, Educational.

The foregoing despatch will be forwarded to the Director of Public Instruction, in continuation of G.O., 4th December 1884, No. 461, Educational, to which no answer has yet been received, for an early and detailed report as to the nature of the additional accommodation required.

(True Extract.)

(Signed) W. WILSON,
Acting Chief Secretary.

To the Director of Public Instruction.

READ—also the following papers :—

From D. DUNCAN, Esq., M.A., D.Sc., Acting Director of Public Instruction, to the Chief Secretary to Government, dated Madras, 10th February 1886, No. 904.

With reference to G.O., Educational, Mis. No. 68, of the 3rd instant, I have the honor to state that in his letter, No. 811, of the 12th February 1885, Mr. Grigg submitted his views regarding the maintenance of scholarships in the College of Engineers, in reply to the despatch from the Secretary of State communicated in G.O., No. 761, dated 4th December 1884. In his letter, embodied in G.O., dated 23rd February 1885, No. 128, Educational, he also dwelt on the importance of providing suitable and adequate accommodation, but the Government remarked that there was no prospect of funds becoming available in 1885-86 for the construction of a Civil Engineering College. In the Provincial (Public Works) budget embodied in G.O., No. 3094 W., dated 30th December 1885, a sum of Rs. 50,000 is entered for the construction of a Civil Engineering College, but the work appears under Class B works, i.e. those brought forward by Superintending Engineers, but for which funds

cannot be provided in 1886-87. If orders be issued for the preparation of detailed plans and estimates, the Public Works Department will be requested to prepare the same in communication with Captain Love.

Proceedings of the Board of Revenue, dated 1st April 1886, No. 808.

Read—the following papers:—

From D. DUNCAN, Esq., M.A., D.Sc., Acting Director of Public Instruction, to the Chief Secretary to Government, dated Madras, 15th March 1886, No. 1697.

With reference to official memorandum (Educational), No. 359-C., of the 22nd ultimo, I have the honor to forward the enclosed copy of a letter and the rough sketch received from the Principal, College of Engineering, and to state that the extension of the present college building, so as to provide accommodation suited to the requirements of the new scheme, is very urgently needed. The cost of the additions is roughly estimated at Rs. 80,000. The proposed additions will provide sufficient accommodation, as it is proposed to have three lecture rooms, a laboratory, a museum and model room, and an examination hall. I have the honor to request that very early steps may be taken towards the preparation of the plan and estimate and the carrying out of the work in the next official year.

ENCLOSURE No. 1.

From Captain H. D. LOVE, R. E., Principal, Civil Engineering College, to the Director of Public Instruction, dated 9th March 1886, No. 930-C.

Referring to your No. 1364, dated 26th February 1886, I have the honor to report that towards the close of the year 1885, I communicated with the Consulting Architect to Government on the subject of the extension of the present college building to meet the requirements of the sanctioned scheme of reorganization. After careful examination of the building and ground adjoining, we decided that the chief wants of the institution could be provided for, at any rate for some years to come, by the erection of a new block on the south side, in prolongation of the existing structure. The site is at present occupied partly by tiffin rooms belonging to the Board of Revenue, most of which are in ruins, and Mr. Chisholm considered that these should be rebuilt in a more convenient situation.

2. At the end of February 1886, I met Mr. Chisholm in Bombay, and learnt from him that the design had been nearly completed on the date of his retirement from the service. I have since seen the plans and discussed a few minor alterations with Captain Lindley, R.E., who is temporarily in charge of the Consulting Architect's office, and who has been asked to submit a rough plan and estimate at as early a date as possible.

3. The additional accommodation provided consists of—

Lower floor.— { A museum and model room, 72 feet x 60 feet;
One lecture room, 30 feet x 22 feet;
One laboratory, 30 feet x 22 feet;

Upper floor.— { A drawing office and examination hall, 72 feet x 60 feet;
Two lecture rooms, each 30 feet x 22 feet;

as shown in the accompanying rough sketch.

4. It is scarcely necessary to say that the elevation is not only in keeping with the rest of the structure, but greatly improves the general architectural effect of the Chepāk buildings.

5. The estimate has not been drawn up; but, as a rough guess, I may mention that perhaps Rs. 80,000 would be the probable cost of the additions.

6. I observe from your letter, No. 904, dated 10th February 1886, to the Chief Secretary, that a sum of Rs. 50,000, entered for the construction of a College of Engineering in the budget of 1886-87, is not likely to become available during that year; but I have to point out that the reorganization scheme has been sanctioned and communicated to the public, and students are joining and paying greatly enhanced fees on the faith of the published notification of the extended education which they are to receive. It therefore becomes my duty to repeat in unequivocal terms what I have more than once previously stated—that this extended education cannot be given without additional space, additional staff and additional apparatus; and that something must be done at once in all three directions unless the college notification is to become temporarily a dead letter.

7. I trust that, with the information before you which I have now given, you will be able to advise the Government to proceed without delay to the consideration of the question of the reorganization of the staff.

8. I take this opportunity of mentioning that, as I have been nearly ten years in India without taking leave, considerations of health will render it desirable for me to apply for furlough in the course of the next year or two. It is my earnest desire to see the new scheme in fair operation before my departure takes place.

From D. DUNCAN, Esq., M.A., D.Sc., Acting Director of Public Instruction, to the Chief Secretary to Government, dated Madras, 20th March 1886, No. 1894.

In continuation of my letter, No. 1697, of the 15th instant, I have the honor to forward copy of a letter * received from the Principal, College of Engineering, and the rough plans of the proposed extensions prepared by the Consulting Architect to Government. It will be seen that the cost of the proposed extensions is roughly calculated at Rs. 1,11,000.

* No. 968-C., dated 18th March 1886.

2. I beg also to forward copy of another letter † from the same officer, in which he requests that certain plots of ground adjoining the college may be reserved as a recreation ground and gymnasium for the college.

† No. 956-C., dated 15th March 1886.

ENCLOSURE No. 1.

From Captain H. D. LOVE, R.E., Principal, Civil Engineering College, to the Director of Public Instruction, Madras, dated 18th March 1886, No. 968-C.

In continuation of my No. 930-C, dated 9th March 1886, I have the honor to forward rough plans of the proposed college extension buildings, which have been sent me by the Consulting Architect to Government.

2. The arrangement of the buildings was fully explained in my letter above quoted, the only point requiring modification being the rough estimate of cost. Captain Lindley informs me that the estimate first arrived at in his office was Rs. 98,000; but that having compared this with the cost of completed public buildings in Madras, he considers that Rs. 1,11,000 is more likely to represent the probable outlay. He further states that the outside value of the buildings now occupying the proposed site is Rs. 2,000; and that a block of new tiffin-rooms for the Revenue Board and College of Engineering may be constructed for Rs. 4,000.

ENCLOSURE No. 2.

From Captain H. D. LOVE, R.E., Principal, Civil Engineering College, to the Director of Public Instruction, Madras, dated 15th March 1886, No. 956-C.

I have the honor to report that, with the scheme of instruction hitherto in vogue, the time or the students has been so much occupied that there has been little or no leisure for gymnastics or out-door sports, and that consequently the want of a recreation ground has not been seriously felt.

2. Under the reorganization scheme, however, which is now being introduced, more attention will be paid to physical training, and it is intended to provide a gymnasium and to encourage such sports (like cricket, lawn-tennis, &c.) as will exercise a beneficial effect on the tastes and pursuits as well as the physique of students who will for the most part eventually follow employment involving bodily exertion.

3. As the proposals for the erection of a new college have fallen through, it appears that the present buildings will probably continue to be occupied for some years to come. I suggest, therefore, that the open ground on the east side of the college lying between the building and the beach road be reserved as a cricket and recreation ground for the students, and that a plot of ground on the west side between the college and the canal be set apart as a gymnasium. An open-air gymnasium is generally unsightly, but in the position recommended it will be screened from general observation by buildings and trees.

4. The college has one tennis ground on the east side which is used by the military students only. A second ground should be provided near the gymnasium.

5. I have communicated these proposals to the Consulting Architect who is in charge of the Chepāk grounds. He has no objections to offer to their adoption.

No. 562-C.

Referred to the Board of Revenue for early report whether there is any objection to the site referred to in paragraph 1 of the Principal's letter, No. 930, dated 9th March, being utilized for the Civil Engineering College buildings.

(By Order.)

(Signed) A. G. CARDEW,
Ag. Asst Secy. to Govt.

29th March 1886.

Resolution—dated 1st April 1886, No. 808.

The Board, after inspection of the locality, see no objection to the utilization of the site referred to in Captain Love's letter, for the extension of the Civil Engineering College. At the same time, they think it would be well that the matter of handing over the present college to the Salt and Abkari Department on the reorganization of the Board being carried into effect, and erecting an entirely new building for the Civil Engineering students and class-rooms, &c., should be considered before the extensions now proposed are carried out.

2. They presume that new tiffin-rooms will be built for the clerks of their office.

(True Copies and Extract.)

C. F. MACCARTIE,
Acting Secretary.

To the Chief Secretary to Government, Educational Department,
with three plans.

Copy to the Director of Public Instruction.

ORDER—dated 27th May 1886, No. 329, Educational.

The reorganization of the Madras College of Engineering, which was sanctioned in the marginally-noted Proceedings of Government, has rendered the provision of increased accommodation absolutely necessary. In the foregoing proceedings, the Board of Revenue report that there is no objection to the site now occupied by the dismantled tiffin-rooms of the Board being utilized for the extension of the college, but suggest that the question of an entire new building being provided for the college should be considered. The Government, however, do not consider that the undertaking of a new college, the cost of which in 1884 was estimated roughly at three lakhs of rupees, can be for the present entertained, and they resolve, therefore, to approve the proposal to construct the additional buildings, which are urgently required, on the site of the old tiffin-rooms of the Board of Revenue. The rough plans will be transferred to the Public Works Department, in view to the execution of the work being commenced at the earliest date at which funds can be made available. The plans and estimates should be put in hand at once.

2. The proposals made by the Principal of the College for the reservation of a cricket and recreation ground, and of an additional tennis ground for the students, will be referred to the Public Works Department for remark.

(True Extract.)

E. F. WEBSTER,
Chief Secretary.

To the Director of Public Instruction.

" Revenue Department.
" Board of Revenue.
" Public Works Department, with plans.
" Accountant-General.

Exd. A. Raitt.

No 1539tr d/17 June 1886

Communicated to the
Consulting Architect for
submission of detailed plans
and estimates. As it is possible
that funds will be made
available for commencement
of the work in 1886-1887,
the preparation of the plans
and estimates should be regarded
as urgent.

2. The Consulting Architect
will report separately on
the subject of para 2 of
the order in the Educational
Department.

(Sd.) J.S.
R

Consulting Architect to Govt.
with rough plans

Govt. of (1886) Madras.
EDUCATIONAL.

Issued

Recd.

Encl.

G.O., 27th May 1886, No. 329.

No 1539tr d/17 June 1886

MAY.

Reut. to Oaty in
the 12/6/86

Madras College of Engineering.

Passing orders on the question of providing
additional accommodation for the —.

(Oaty)

29TH SEPTEMBER 1886, No. 2547 W., PUBLIC WORKS.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

READ—the following letter from D. DUNCAN, Esq., M.A., D.Sc., Acting Director
of Public Instruction, to the Chief Secretary to Government, dated Madras,
3rd September 1886, No. 6068 :—

With reference to G.O., dated 27th May 1886, No. 329, Educational, I have the
honor to submit copy of a letter *
received from the Principal, Madras
College of Engineering, and the detailed

plans and estimates prepared by the Consulting Architect to Government, for the
proposed extensions of the College, and to request that steps may be taken to provide
the necessary funds for the immediate commencement of the work.

2. It will be seen that the cost of the proposed extensions is estimated at
Rs. 95,309, comprising the following items :—

	RS.
1. Additional buildings and fixtures to be provided by the Public Works Department	90,066
2. Furniture and fittings to be provided by the Educational Depart- ment	5,243
Total	95,309

No. 1531 C., Educational.

Approved and transferred to the Public Works Department.

(By Order.)

OOTACAMUND,
10th September 1886.

(Signed) E. S. LAFFAN,
Under Secretary.

ORDER—dated 29th September 1886, No. 2547 W., Public Works.

The undermentioned estimates in connection with the College of Engineering at
Chepāk are sanctioned.

Provincial.
Civil Buildings.
Original Works.

RS.
Providing additional buildings with fixtures .. 90,066.—No. 109-1 W., of 1886-87.
Supplying furniture and fittings ... 5,243.— „ 109-2 W., of 1886-87.

2. The latter work will be carried out by the Educational Department.

3. The Government regret that funds are not available for the immediate commencement of the work, but an allotment will be made as soon as practicable.

(True Extract.)

(Signed) J. O. HASTED, Colonel, R.E.,
Secretary to Govt., P.W.D.

To the Consulting Architect to Government, with seven enclosures.
" Examiner, Public Works Accounts, with two duplicate abstract estimates.
" Educational Department.
" Newspapers.

Exd. J. Moses.
Spare Copies

1886.

P. W. DEPARTMENT.

Current No. 7179 & 8063

From

The Examiners P.H. Accts.

ENCLOS.—

No. 510

Dated 15th October 1886

Received 16th — — —

SUBJECT.

Stating that as the estimate registered
No. 109-2 H for providing furniture
for the Civil Engineering College, amounting
to Rs. 5243 is to be carried out by the
Educational Dept and presumably
will not come into the accounts
of this Dept, the abstract estimate
is not required in his office & is
therefore returned —

DISPOSAL.

No. 3645 Dated 19th October 1886.

The estimate for providing
furniture for the College of Engineering
will be returned to the Educational
Dept, as the work will be carried
out by that Dept vide G.O. No.
2547 H dated 29th Sept. 1886.

(Sd) J.O.H.
18/10/86

(Sd) D.M.C.
18/10/86

Educational Dept

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of {1886} Madras.

PUBLIC WORKS.

Dated September, 29th.

Recd.

Encl.

G.O., 29th Sept. 1886, No. 2547 W.

SEPTEMBER.

College of Engineering
at Chepak

Estimates of Rs. 90,066 and Rs. 5,243
respectively for providing additional buildings
with fixtures and for supplying furniture
and fittings for the —, sanctioned.



4th 3125 W of 21 Nov 1886

PUBLIC WORKS DEPARTMENT.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

Read the following

A sum of Rs.
6000 is allotted from
the Provincial reserve
with the Govt. for
additions to the
Madras College of
Engineering —

2 - The work should
be commenced without
delay, so funds
become available
before the end of the
current financial year,
an additional allotment
will be made.

Dec
24/11

C.A.O. Govt. ✓
Genl. Secy. ✓
Educational Dept. ✓

File
24/11/86

now

For orders whether
a further allotment
of Rs ^{14,000} 15,000 maybe
made for the College
of Engineering.

Cu

25.7.86

Make total allotment for
C.E. College Rs 20,000 Rs.

For
25/11/86.

N^o 3125 W of 24 November 1886.

B
25/11

25/11

N^o 3135 W of 25 Nov 86.

PUBLIC WORKS DEPARTMENT.

B

PROCEEDINGS OF THE MADRAS GOVERNMENT.

Read the following

With reference
to para 2 of G.O. No
3125-W dated 24th
November 1886, a
further sum of Rs
14,000 is allotted
from the Provincial
reserve for addition
to the College of
Engineering Madras.

For
25/11/86.

C.A. G. Govt.
Genl Secy
Educational Dept

Despatch 25-11-86.

Cu

3125 w 24.11.06.
2547 w 29.9.06.
3645 c 7-19-10-86

✓

B
No: 3135 w d/25/11/86

B
h
36411

29
29/11

100

86/11