

(1) Number of pages _____

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(3) Initials of the Referencer _____

MADRAS RECORD OFFICE

Government of Madras

public works

DEPARTMENT

G.O. No. 864

Press

B.P. No.

Mis.

728.29

Dated 27-3-1874 195 .

Not to be folded or roughly handled

No. 728. Read the following letter from Colonel E. A. FOORD, R.E., Inspecting Engineer for Buildings, to Colonel G. W. WALKER, R.E., Secretary to Government, Public Works Department, dated Chepauk, 4th March 1874, No. 352:—

I HAVE the honour to forward a copy of a letter* from the District Engineer of Tanjore, and to state that having inspected the Combaconum College building on the 26th of February, I am

of opinion that the walls of the four octagon rooms should be taken down and rebuilt. The extra cost is estimated at 1,000 Rupees. Mr. Chisholm does not think the re-building necessary, as the cracks are old cracks caused by settlement, and the additional weight will probably have no power to move the foundations again, but he states that it will be quite as well to undertake the work if the re-building will add only a thousand rupees to the amount of the estimate.

2. The walls of the octagon rooms are the only portions of the old building that have not been taken down to the basement level. The basement walls of the west class-rooms are partly brick-in-chunam and partly brick-in-clay, and I observed in one place raw-brick in clay, which will of course be removed. The District Engineer, who has examined these walls, is of opinion that they may be safely built on. I have come to the conclusion, that though with proper precautions the old foundations and basement may be utilized in the new College buildings, it would have been better to have designed the new College without reference to the remains of the old building. The present site being considered the most convenient, the new College might have been built on entirely new foundations behind the old College, the materials in the basement might have been used in forming the new basement.

3. I take this opportunity to mention that the temporary class-rooms have cost Rupees 1,090, while the amount sanctioned* is Rupees 675. The sheds, as at first designed, were found by the Principal not to afford sufficient accommodation. As the excess is only .01 per cent. on the estimate, I did not think it worthwhile to report this before, and now mention it in connection with the extra cost incurred by taking down the walls.

No 729. ORDER THEREON, 27th March 1874, No. 864.

CIVIL WORKS, No. 77.

THE Inspecting Engineer for Buildings will be so good as to lose no time in having revised estimates prepared and submitted, including all the alterations considered necessary by the District Engineer and himself.

(True Extract.)

Colonel, R.E.,
Secretary to Government.

To the District Engineer, Tanjore.
„ Inspecting Engineer for Buildings.
„ Consulting Architect.
Exd. S. T. Austin.
Spare Copies

N^o 1044

District Engineer's Office
Camp. Nedamgahend
12 February 1871.

From

Major H. R. Mead R.E.
District Engineer
Tanjore

To

Colonel E. A. Ford R.E.
Inspecting Engineer for
Civil & Military Buildings

Sir

When the Estimate for the
Lombaconum College was prepared, it
was decided to retain the foundation
of the old building, and also the walls
of the 4 Octagon rooms at the east end
of the old building. I have the honor
to report that the superstructure of the
building is now demolished (with the
exception of these walls) and that I
have carefully examined the walls &c.
I find that these walls are of brick,
in mud 2' 4" thick, with the exception

of

of portions, that are evidently additions, that are of brick in chunam and the north room, which is also of Brick in chunam, but the walls are only 1' 2" thick.

These walls are 11 feet in height, the Estimate allows for raising them $7\frac{1}{2}$ feet, but as according to the plan they are to be 21 in height, they will have to be raised 10 feet, the thickness allowed is 12.

2. The walls are cracked and shaken, and I do not consider it advisable or safe to build on them (raising them 10 feet) and they certainly should be removed and rebuilt, and I request your sanction to do so. The extra cost will be about Rupees 1000.

The old foundations Brick in mud may be I consider made use of

3. I also examined the old foundations

foundations of west class rooms, they are in the place that was opened out 11 feet deep and there evidently was, originally, a building with the basement 5 below that of the college. It is brick in mud, but in places it is brick in chunam. I think that we may safely make use of the whole of it.

4. The retaining wall however is entirely of brick in mud, and I consider it absolutely necessary that the upper foot of this should be removed and rebuilt, with brick in chunam. I have given orders for this to be done. The extra cost of this will be about Rupees 170.

5. The stone steps to the new college are all designed with 15" tread and 6" rise. I find it impossible to get in the District stones 15" in width and

weight will probably have no power to move the foundations again, but he states that it will be quite possible to undertake the work, if the rebuilding will add only a thousand Rupees to the amount of the estimate.

The walls of the Octagon rooms are the only portions of the old building that have not been taken down to the basement level. The basement walls of the west class rooms are partly brick in Chunar, and partly brick in clay and I observed in one place raw brick in clay, which will of course be removed. The District Engineer who has examined these walls is of opinion that they may be safely built on. I have come to the conclusion that, though, with proper precautions, the old foundations and basement may be

be utilized in the new college buildings, it would have been better to have designed the new college without reference to the remains of the old building. The present site being considered the most convenient, the new college might have been built on entirely new foundations behind the old college, the materials in the basement might have been used in forming the new basement.

I take this opportunity to mention that the temporary classrooms have cost Rupees 1090, while the amount sanctioned is Rupees 675. The sheds, as at first designed, were found by the Principal, not to afford sufficient accommodation. As the excess is only .01 per cent on the estimate, I did not think it

7/10/2070
dated 19th
August
1875

I have the honor to be
Sir
Your Most Obedient Servant
E A Arnold & Co RE
Insulating Engineers
For Buildings

728-729

1712

Dated 4
 Decr 5
 Recd 7 } March 1874
 Encl.

Forwards a copy of a
letter from the District
Commr of Lahore regarding
the Combraconian College,
Lahore Dec¹¹ 2, & states
her opinion in connection
there with, & after having
inspected the Building
on the 26th July last.
With an Order

1335

Govt. of 1874
PUBLIC WORKS.

To The Dir. General
Luzon.

27 Dec 1874

Nos. 728. 729.

Pam bacanani College

The Insp. Gen. for Build.
has requested to ~~submit~~ ^{have}
revised estimates ^{prepared} for the
alterations considered
necessary to the Pam
bacanani College —