

(1) Number of pages _____

(2) Date of repair _____

(3) Initials of the Referencer _____

MADRAS RECORD OFFICE

Government of Madras

Public works

DEPARTMENT

G.O. No.	969	Press
B.P. No.		Mis.
681-682		
Dated	28. 3 -	1873

Not to be folded or roughly handled

*Proceedings of the Madras Government, Public Works Department,
28th March 1873.*

No. 681. Read the following letter from the Inspecting Engineer for Civil and Military Buildings, to the Secretary to Government, Public Works Department, dated Chepauk, 22nd March 1873, No. 289 :—

GOVERNMENT in their Order of the 17th of March 1873, No. 832, ascribe the destruction of the floor of the filter at Bangalore to the dilatory manner in which the subject of the repair had been dealt with by the Executive and Supervising Officers.

2. The facts of the case are as follow :—

The floor of the filter gave way just before I went to England in 1870. On my first visit to Bangalore in 1872, after two years absence in England, I inspected the filter and found that nothing whatever had been done towards its repair. I instructed the Executive Engineer at once to prepare an estimate and indicated to him the nature of the repairs that seemed to be required. The estimate that was prepared is the one dated 14th September 1872.

3. I did not at once forward this estimate for sanction, as the grant for repairs had already been appropriated. The work, moreover, could not have been carried out before December. The monsoon was unusually heavy last year, and there was much rain even in December. I was also desirous of ascertaining the state of the walls of the filter and the exact position of the leak before sending the estimate for sanction.

4. In the Order of Government of the 11th of January 1873, No. 93, I was instructed to proceed to Bangalore to report on the new wells and "to adopt measures for immediately remedying the defective state of the filter." Having this authority, I lost no time in setting about the work. I had a trench at once commenced, which was to be carried down as deep as the foundation of the walls of the filter. A concrete wall was to be built in this trench, in contact with the walls of the filter on the inner side; the earth was to be carefully filled in, as the concrete wall was completed and the floor made good. As from the inspection of the state of the foundations of the walls, which I was then enabled to make, I was convinced of the necessity for the concrete wall, I forwarded on the 29th of January the estimate that was prepared in September.

5. I am still of opinion that this concrete wall is necessary, but, as the floor is now to be re-made, the wall may be reduced in thickness, but the crevices in the foundation of the present wall should all be carefully filled with concrete before a new floor is constructed. I feel sure the filter could not possibly have been rendered watertight by the method sanctioned for the cistern of the Cavalry Barracks.

No. 682.

ORDER THEREON, 28th March 1873, No. 969.

MILITARY WORKS, No. 15.

His Excellency the Governor in Council remarks that the facts set forth by the Inspecting Engineer for Buildings corroborate the statement made in G. O. No. 832 of 17th March, as to dilatory action on the part of the Executive and Supervising Officers with reference to the filters at Bangalore. The action finally taken by the Inspecting Engineer might have been taken more successfully and with sanction had the

*Proceedings of the Madras Government, Public Works Department,
28th March 1873.*

estimate sent him by the Executive Engineer in September been brought forward in reasonable time.

2. Colonel Foord will submit plan and estimate for such work as he may consider necessary to put the lower filter into proper order; but it would appear to His Excellency the Governor in Council that his recommendations should be based on the assumption that a new floor can be laid down so that it may be reckoned on not to leak, rather than on the assumption that it must leak and that precautions against such leakage must necessarily be taken.

(True Extract.)

Colonel, R.E.,
Secretary to Government.

To the Inspecting Engineer for Buildings.
.. District Engineer, Bangalore.
.. Military Department.
.. Controller of Public Works Accounts.

Ed. E. C. Shunker.

Office of the Inspecting Engineer
for Civil and Military Buildings,
Chennai 22 March 1873.

N^o 289

From

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

To
Colonel G. M. Walker R.E.
Secretary to Government M.D.

Sir,
Government in their order of the 7th
of March 1873 N^o 832, ascribe the destruction
of the floor of the filter at Bangalore to
the dilatory manner in which the subject
of the repair had been dealt with by the
Executive and Superintending Officers.
The facts of the case are as follow:
The floor of the filter gave way just before
I went to England in 1870. On my first
visit to Bangalore in 1872, after two
years absence in England, I inspected
the filter and found that nothing what-
ever had been done towards its repair.
I instructed the Executive Engineer at once
to prepare an estimate and indicated to
him

In the Report
will be found
of the repair.

him the nature of the repairs that seemed to be required. The estimate that was prepared is the one dated 14th September 1893.

3. I did not at once forward this estimate for sanction, as the grant for repairs had already been appropriated. The work moreover could not have been carried out before December. The Monsoon was unusually heavy last year, and there was much rain even in December. I was also desirous of ascertaining the state of the walls of the filter and the exact position of the leak before sending the estimate for sanction.

4. In the order of Government of the 11th of January 1893 at 93. I was instructed to proceed to Bangalore to report on the new wells and to adopt measures for immediately remedying the defective state of the filter. Having this authority, I lost no time in getting on about the work. I had a trench at

once commenced which was to be carried down as deep as the foundation of the walls of the filter. A concrete wall was to be built in this trench, in contact with the walls of the filter on the inner side, the earth was to be carefully filled in, as the concrete wall was completed, and the floor made good. As from the inspection of the state of the foundations of the walls, which I was then enabled to make, I was convinced of the necessity for the concrete wall, I forwarded on the 29th of January the estimate that was prepared in September.

5. I am still of opinion that this concrete wall is necessary, but as the floor is now to be remade, the wall may be reduced in thickness, but the crevices in the foundation of the present wall should all be carefully filled with concrete before a new floor is constructed. I feel sure the filter could not possibly have been rendered

rendered watertight by the method some
times for the Cistern of the Cavalry
barracks.

I have the honor to be

Sir
Your Most Obedient Servant

E A Mrd Colonel R. B.

Inspecting Engineer for
Civil Works Buildings

17th March 1873 No 832
11/1/73

17th March 1873 No 832
11/1/73

The Inspecting
Engineer for Buildings

The Secretary to
the Government

Dated 22 March 73
No 242

Dear Sir
I have full pleasure
in replying to
your letter of the
11th inst. in which
you refer to the
cracks in the
walls of the
North Barracks
No 969-28 dated 1/3.

No 969 P. H. D.

Proceedings of the Madras Government
under date the March/73
Read the following
letter

From the Inspecting (H.E. No 289 of 22nd March/73)
Eng: for Buildings -

[Signature]

His Excellency
the Governor in Council
remarks that the facts
set forth by the Inspect-
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taken.

G.M.N.

For
The Insps Eng for Bops ✓
District Eng Bangalore ✓
Chd. Insp ✓
Controlled of P. W. C. ✓
Ac-s- desps 28/3/73 only to Insps Eng
P-C - 8/4/73 to be

Apr 1890

Govt. of 1873 Madras

PUBLIC WORKS.

To The Inspecting Engrs
for Buildings

Dated

Recd.

Encl.

G. O. 28th Decr. No. 969-

Nos. 481 & 682

Filles at Bangalore. Passing
orders on letter from the In-
specting Engr for Buildings
~~subjecting to~~ affording
Explanation regarding
the Filles at Bangalore.