

This original paper
 comes back to us
 this morning without
 remarks of any kind
 in my pencil
 note at foot. Can
 you tell why it has
 been Repl. You got
 it from us I fancy
 with a view of
 supplying complete
 printed copies.

R.S.
 7.2.88.

McClackie.

For repair

7/2 J.P.

I hear that no signed
 copy went among all
 the printed copies sup-
 plied & therefore the
 deficiency is signed,
 was not to supply
 the deficiency.

It would have been better
 if it had been signed by
 the proper authority.

20TH DECEMBER 1884, No 2987, FINANCIAL

GOVERNMENT OF MADRAS
 FINANCIAL DEPARTMENT.

READ—the following papers —

From A T ARUNDEL, Esq; President of the Municipal Commission, Madras,
 to the Chief Secretary to Government, dated Madras, 28th November 1884,
 No 1357

The bursting of the Red Hills Lake has removed one of the greatest difficulties
 in the way of a portion of the scheme for increasing and purifying the water-supply
 referred to in my letter, No 1101, dated 4th September 1884, Financial department,
 I refer to the laying of the new pipes through the bund into deep water and the
 building of a water-tower in the deepest part of the lake. The execution of these
 works with the lake full of water would have been exceedingly difficult and costly.
 The recent unfortunate disaster has laid almost bare the site of the proposed work, and
 it is necessary to take immediate advantage of the present opportunity and to com-
 mence the work without delay.

2 Apart from the debateable details of the scheme there is, I believe, no question
 as to particulars of the work to be done within the bed of the lake. Colonel Hasted,
 before he left Madras, went fully into and approved the scheme which Mr Jones
 desires to adopt. I beg, therefore, that the Government will be pleased to approve of
 the immediate commencement of the work to which I have referred. The cost will
 approximately be Rs 36,620 and can be met out of the grant of Rs. 75,000 which
 the Government were pleased to bestow for this purpose.

3 Mr Jones, a copy of whose letter I enclose, has already discussed the matter
 with Colonel Prendergast. The work now proposed would be carried out subject to
 Colonel Prendergast's approval, and I am sure that the municipality may rely on receiving
 his co-operation and that of the Engineer in charge of the lake.

ENCLOSURE

From J A JONES, Esq, Vice-President of the Municipal Commission, Madras, to the
 President of the Municipal Commission, Madras, dated 24th November 1884, No 1337

I have the honor to inform you that the bursting of the Red Hills, while causing the
 entire failure of our water-supply, while rendering our present supply channel useless, has
 afforded us an opportunity of carrying out with facility the construction of the works in the tank
 necessary in connection with the proposed new water-supply scheme for Madras.

2 As you are aware, since forwarding my report and proposal for a low level channel, I
 have had an interview on the subject with Colonel Hasted, who informed me that he could not
 recommend to Government any scheme of which an open channel was a necessary adjunct, and
 that even supposing an expenditure were necessary much greater than that estimated for the
 scheme which I drew up in 1877 on the basis laid down by Colonel Mullins, R E, and quoted
 in G O, No 1174 of 5th April 1877, he considered that there ought to be a closed pipe to convey
 the water from the Red Hills to Madras from the filtering beds which ought to be constructed

3 One most important portion of this scheme of 1877 which has been approved of (see
 G O, No 4697 W, dated 9th December 1878, Public Works department,) is the construction of
 a tower in the deep portion of the lake by which to collect the water. No such favorable oppor-
 tunity as the present for its construction is likely to present itself again, and I may say that its
 construction at any ordinary time would present great difficulty and was the subject of much
 consideration between Colonel Hasted and myself.

4 On visiting the Red Hills tank y Prendergast as to the best method of const the water to the pumping station

5 It was agreed between us that the dam around the site of the tower and out rary removal of a portion of the Red Hill plan, and that the culvert and pipes shoul

6 These works I request very earl with the approval of Colonel Prenderga Engineer in charge of the tank

7 The details of the scheme will ge which copies are, I believe, available in the Works

8 Looking to the urgency of the mat to Red Hills materials with which to comm

Note by the Ch

In paragraph 4 of note printed 5th April 1877, the Chief Engineer fo necessary to remedy the defective an supplied with water from the Red l should be selected and proper means f and that the water should be raised Mr Ritchie's house, properly filtered channel to Madras The Government investigation was necessary before it to let the water from the tank gravi being afterwards pumped to the requi the tank into filters placed at a conve

2 The subject has been duly Engineer, and approximate estimates I have examined the plans relating stating that it is in every respect bet it in pipes to Madras, than to conve raise it

3. I consider an open channel fo tionable, and were it not so, the level filtered would be so low that there w properly There is no doubt that w lower level than it is at present, as u and then water had to be pumped up of drawing off water is through a wa falls in the tank, the surface water ca whole contents of the tank will thus a portion, as at present

4 I have lately examined the pl and approve of the general design of its immediate construction should be s work is delayed until the tank fills ag the tower, and the cost will be very materials, good brick and hydraulic water should be laid in the masonr as any failure of one pipe would othe

5 It is understood that no fur that the complete plans and estimates

PROCEEDINGS OF THE MADRAS GOVERNMENT.

READ the following

*From the Public Works Dep.
of 12th Decr 1884 No 2056 C.*

*Order, 20th Decr 84 No 2987 Ins
Communicated to the President,
Municipal Commission, Madras. The
immediate construction of the tower
is sanctioned, the cost being met
in the manner proposed by the
President.*

(True Extract)

*John Lubbock
Chief Secretary*

of

*The Presdt, M. C., Madras.
" P. W. Deptt.*

*x² L.D.
TMS*

9 Decr 84 No 26/1/85

Communicated
the officers con-
fined.

Cl
11 2 45

W.
11-2-83

C. E. for J.
S. E. V. Circle
Capt. of works J. M.

Rep. E. M. E.
25/2

To

Mr. M. D.

His

Proceedings, dated 188
No.

Subject

15 352 W. 13 Feby 185.

Success the
same Drake Com
- tention of the Jow
referred to

Write order

1/1-1/2