

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

25th February 1881, No. 507 W.

Buildings and Roads.
Civil Works.

Read the following papers :—

- No. 98. Proceedings of Government, Military Department, dated 26th September 1878, No. 5,023.
- No. 98-A. From District Engineer, Presidency, dated 17th October 1878, No. 4,238.
- No. 98-B. From Executive Engineer, Presidency Division, dated 2nd December 1878, No. 5,036.
- No. 98-C. From Superintending Engineer, Third Circle, dated 6th March 1879, No. 1,153.
- No. 98-D. From President, Municipal Commission, dated 17th April 1879, No. 566.
- No. 98-E. From Accountant-General, dated 10th May 1879, No. $\frac{\text{I.A.B.}}{70}$.
- No. 98-F. From President, Municipal Commission, dated 12th July 1879, No. 909.
- No. 98-G. From President, Municipal Commission, dated 5th August 1879, No. 1,029.
- No. 98-H. From Superintending Engineer, Third Circle, dated 13th September 1879, No. 5,298.
- No. 98-I. From President, Municipal Commission, dated 30th October 1879, No. 2,300.
- No. 98-J. From Superintending Engineer, Third Circle, dated 17th January 1880, No. 267.
- No. 98-K. From Superintending Engineer, Third Circle, dated 4th February 1880, No. 597.
- No. 98-L. From Superintending Engineer, Third Circle, dated 8th March 1880, No. 1,205.
- No. 98-M. From Sanitary Commissioner, dated 7th December 1880, No. 1,463.
- No. 98-N. From Superintendent of Works, Presidency, dated 9th February 1881, No. 4,099.

No. 99. ORDER THEREON, 25th February 1881, No. 507 W.

AFTER a full consideration of the foregoing papers the Government see nothing in the ascertained quality of the respective waters of the Red Hills Tank and of the Seven Wells to induce them to abandon the supply to the Fort Government buildings, &c., now met from the latter.

2. Attention should be paid to the Seven Wells filtering apparatus and also to the actual surroundings of the wells. The exceptional results of the analysis of No. 9 well water indicates some removable source of impurity.

3. Seven Wells water should not, however, be supplied to private parties to the detriment of municipal income.

(True Extract.)

(Signed) R. H. SANKEY, Colonel, R.E.,
Secretary to Govt., P.W.D.

To the Superintendent of Works, Presidency.
" Military Department.
" Financial "

Exd. E. C. Shunker.
Spare Copies

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of (1881) Madras.
PUBLIC WORKS

To

THE SUPERINTENDENT OF WORKS,
PRESIDENCY,
&c., &c., &c.

Dated February, 25th.

Issued

Recd.

Encl.

G. O., 25th February 1881, No. 507 W.

FEBRUARY.
Nos. 98-99.

Supply of water to the Buildings in Fort St. George.—Stating that there is nothing in the ascertained quality of the waters of the Red Hills Tank and Seven Wells to abandon the — from the latter.

No. 2380

MADRAS,

Chepauk, 30 September 1881.

Despatched 4-10-81.

From

THE SUPERINTENDENT OF WORKS,
PRESIDENCY,

To

THE Chief Engineer
P. W. Dept.

SIR,

Enclosures. 4

1 Abstract of the
Supplement.

1 Specifications

1 Plan —

4

With reference to G.O. No. 507 dated 25th February 1881, I have the honor to state that, the Seven Wells is provided with one filter only. This filter was built some years ago, and there is no record shewing that it has ever been cleaned or the filtering material changed. From a conversation I have very recently had with the Government Analyst, who made the analysis, hereafter referred to, I think it is highly necessary that, as you direct, the filtering should be more carefully attended to than it has been of late years. I therefore submit

submit an estimate (Rs. 1220) for approval, ^{and} sanction and allotment of funds providing for some necessary work to the present filter as well as for the needful cleansing or renewal of the contents thereof.

To execute the work provided in this Estimate, will involve the cutting off of the filtered water supply to the troops whilst such work is in progress, but this will not cause any inconvenience, as on the last analysis of this water, taken direct from each well in January 1881, it was concluded from the report thereof that the water was fit and potable, I therefore have not thought it expedient to recommend the construction of a 2^d filter, merely for the few days during which the existing filter is being cleaned &c.

2. The use of the water of No. 9 well has

has been discontinued. During last month after 48 hours constant baling, by several relays of pecottahs, the water could only be reduced from 12'-4" to 12' in depth, and the cause of the impurity could not be ascertained at this season of the year, but I propose at the end of the dry season to again attempt to empty this well and to then submit a sample of water for analysis.

I have the honor to be
Sir,

Your most obedient servant

H. H. Burton.

Lt. Col. R. E.

Superintendent of works

G.O. No 507 W. of 25. 2. 81.

From, P. W. C. No 5714

The Supt of Works,
Presidency.

No 2380.

Dated 30th }
Recd 6th } Sept. 1881.
Oct. }

Encl: 4 (1 plan)

Filtering system at the
7 wells.

Submits for sanction
an estimate of Rs. 1220
for renewing the

Entd. in Receipt Regt.

Alld 9/10

Com: 12.10.81. M. 13.10.81.

6.10.10.81. M. 13.10.81. R. 15.10.81

C. No. 5714

P. W. Secretariat.

Note by Budget Section.

Work

Remarks and References.

Renewing the filter-
ing materials at the
Seven Wells, Madras.

Fund Imperial. Ordinary.

Service Head Military Rs.

Departmental Head Repairs

Amount of estimate ... Rs. 1220

Expenditure in previous year ... "

Allotment in current year ... "

Balance required to complete ... 1220

Total Rs... 1220

Note of available funds.

No funds are available - The allotment
for the Presidency Division for 1881/82
for Repairs under Military, is Rs.
140,000 -

8/10/81.

Budget Clerk.

B/c
enc

No 2548 W

PUBLIC WORKS DEPARTMENT.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

UNDER date the 18th Oct/81
Read the following:—

Note by Budget Section.

From the Supt of Works
Presidency — } P. S. No. 2380 dated
30th September 1881

The estimate is ap-
proved and will be returned
to the Superintendent of
Works Presidency for
sanction and execution
from the allotment at his
disposal for repairs under
Military -

M

by

10/10

Supt of Works Presy
with 4 Encls =
Military Dept

Recd
18/10/81

Att
11/10/81

ALL 9
10.

Dec 12/10/81. Rt. 13/10/81.

P. W. DEPARTMENT—1881-82.

MEMORANDUM.

Current No. 5714.

Letter Number 2380.

dated the 30th September 1881.

from the Supg. ~~Engineer~~ of Works.
Presidency.

Note of Remarks.

The Estimate with Plans & Specification for Renewing the Filtering Materials at the Seven Wells, Madras, amounts to Rs 1220.

The Estimate provides for renewing entirely the Old plaster, raising the Joints $\frac{1}{4}$ of an inch & then plastering with Morgan's Cement. Stone drains & Slabs to be removed & replaced.

The filtering materials to be put on (after the Slabs have been properly fitted) are as follows.

- 1st Granite Stone Selby—1 ft. thick
- 2nd do. Sweepings—3 inches do.
- 3rd Charcoal—6 do do.
- 4th River Sand—1 1/2 ft do.

Mock of the Rates agree with the Birk Schedule.

8th October 1881.

[Signature]

*No trouble in getting
N: 2548 to D/18 - Oct 1/81
B.*

Oct 9/10.

Dec: 12-10 81. Rt: 13-10 81.

Q. 10-10 81 M. 13-10 81 P. 15-10 81