

(1) Number of pages 8(2) Date of repair 20. 4. 37

(3) Initials of the Referencer _____

MADRAS RECORD OFFICE.**Government of Madras.***Public works* **DEPARTMENT.**

G.O. No. 2303	Press Mis
727-28	
Dated 31. 7	1867.

Not to be folded or roughly handled*M.A.*

*Proceedings of the Madras Government, Public Works Department,
31st July 1867.*

No. 727. Read the following Proceedings of the Madras Government in the
Military Department:—

Sanctioning, conditionally, the entertainment of
the additional establishment required for sup-
plying water from the Seven Wells to the
General Hospital and Penitentiary at Madras,
and referring to the Public Works Depart-
ment the question of the feasibility of con-
structing the reservoir at the Hospital pro-
posed by the Superintending Engineer.

(Here enter 23rd July 1867, No. 2,700.)

No. 728. ORDER THEREON, 31st July 1867, No. 2,303.

MILITARY WORKS, No. 45.

Communicated to the Superintend-
ing Engineer of the 4th Division, who
will submit plans and estimates for the
reservoirs alluded to in paragraph 5 of his letter dated the 10th June, No. 1,267.

(True Extract.)

(Signed) J. H. M. SHAW STEWART, Major, R. E.,
Under Secretary to Government.

To the Superintending Engineer, 4th Division, with two Plans and one Enclosure.
,, Military Department.

Exd. S. T. Augustus.

MILITARY DEPARTMENT.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

Read the following papers:—

From the Secy. to Govt., Public Works Dept. Here enter 12th June 1867.

Report from the Contr. of Military Accounts. „ 18th „ „ A.

From the Acting Superintending Engineer, 4th Division, Madras, 10th June 1867, No. 1267; to the Secretary to Government, Public Works Department, Fort Saint George.

I have the honor to submit, for the favorable consideration of Government, an application from the Executive Engineer Northern Range, Presidency, for an

Enclosures.

1 Statement.

1 Letter.

2 Plans.

* To be returned when no longer required.

increase, at a cost of Rupees 144 monthly, of the establishment at the seven wells for raising water for the use of the public buildings at the Presidency. I also forward two plans,* illustrative of the water works at the seven wells, and

the usual tabular statement of the increase to the establishment proposed to be made.

2. From the middle of May last, the works† in connection with the extension of the seven wells water to the General

† G. O. No. 1874, dated 27th June 1864.

„ „ 1663, „ 26th May 1866.

„ „ 2412, „ 31st July „

„ „ 1426, „ 10th May 1867.

Hospital and Penitentiary have been in a sufficiently advanced state, though not completed, to allow of a supply being

laid on to the lower floor of the former building, and to a reservoir built in one corner of the enclosure of the Penitentiary walls. The source of supply of water at

General Hospital, Civil side, 8 taps.
Military, side 8 taps.

Total.... 16 taps.

present at the Hospital is indicated in the margin, and though the distribution over the Penitentiary buildings has not as yet been sanctioned, the main pipes

from the seven wells have been extended to a new reservoir, which can be filled and made use of temporarily by the inmates of the Jail.

3. Owing to the increased demands on the reservoirs at the seven wells, it has been found impossible to keep up the supply to the necessary height in the main reservoir No. 1 which feeds these buildings, and which is shown in section A B on the plan. Captain Goddard reports, that though the wells are all connected with one another, and can be made to supply any particular reservoir, there are six picottahs in use at No. 1 well, and that the head of water, which should stand at about fourteen feet, is diminishing gradually. He asks for two extra picottahs, with their

12 men at 9½ Rupees	Rupees.
each per mensem.	114
5 Cock-turners at 6 Rs. do.	30
Total Rupees...	144

establishment of six men on each in three reliefs of two men, to raise the water from the well to the third or upper lift. Five cock-turners are also asked for, two for each portion of the General Hospital, and one for the Penitentiary.

4. Though the cock-turners are proposed to be entertained to guage the water supplied under the terms of Government Order No. 516, dated 21st March 1862, I have some doubts as to the utility of employing these men, as their control is not likely to be so efficiently exercised as to check the wastage of water, and their returns of the water consumed daily are not likely to be very reliable. It would be

more desirable to build a reservoir at the General Hospital to hold, say two days supply, and to appoint one man to guage the quantity of water consumed morning and evening.

5. The present system of having stand-pipes, without a reservoir at the Hospital is a wasteful one, and it will eventually be desirable to construct a reservoir for this building, as well as another at the spot where the Penitentiary pipes branch off, at present they are one continuous main line, so as to regulate the supply taken off for this Jail.

From the Executive Engineer, Northern Range, Fort Saint George, 20th May 1867, No. 354; to
the Superintending Engineer, 4th Division.
On the 11th instant, I received from the Executive Engineer, Northern Range, Fort Saint George, No. 354, a letter of the 20th May 1867, containing the following text:—

On the 14th instant, by desire of the Sub-Engineer, Southern Range, the seven wells at-

Enclosure 1.

2. We find by experience that this is more than we can supply by the present seven wells establishment. The water in our cistern (No. 1) is becoming lower and lower in spite of our best efforts to prevent the decrease.

3. Under these circumstances, I have the honor to submit an application, in the usual form, for an increase of establishment. The men are about to be sought for and entertained,* as they are hard to be found, and it will not do to lose time in securing them, as short water supply will occasion grave complaints from the two establishments abovenamed.

4. The twelve men are required.

will occasion grave complaints from the two establishments abovenamed.

4. The twelve men are required to work one additional picottah, the highest lift. No alternative remains and the men must be employed..

5. Under G. O. No. 513

4. The twelve men are required to work one additional picottah, the highest lift. No alter-

5. Under G. O. No. 516, dated 21st March 1862, the five cock-turners are wanted to register the quantity of water consumed at the sixteen taps. At present I am quite unable to acquaint you with the amount of consumption, as I have no means of noting it.

6. Were a general reservoir for the General Hospital and Penitentiary constructed to hold a couple of days supply, one cock-turner would answer, as he could gauge the cistern every day morning and evening and ascertain the quantity of water consumed, as is done in the Fort and elsewhere.

[illegible]

(Signed J. GODDARD; Captain, 16. P.,
Executive Engr. Northern Range.

PORT SAINT GEORGE, }
20th May 1867.

Referred to the Military Department.

12th June 1867.

(Signed) C. A. ORR, Colonel, R. E.,
Secretary to Government, D. P. W

With report from the Controller of Military Accounts, 18th June 1867, A.

ORDER, No. 2700, 23rd July 1867.

The Right Honorable the Governor in Council sanctions, subject to the confirmation of the Government of India, the additional establishment, applied for in the foregoing letter from the Superintendent-
ing Engineer, 4th Division, of 12 picotah-men* and 5 cock-turners† at the seven wells for supplying water to the General Hospital and Penitentiary.

2. The feasibility of constructing the reservoir proposed by the Superintendent-
ing Engineer at the Hospital will be considered in the Public Works Department.

3. The question of employing one man to guage the supply from this reservoir, instead of the five cock-turners now sanctioned, may be re-submitted should it be decided to construct the reservoir.

Docket to the Offg. Secy. to the Govt. of India, M. D. | Here enter 22nd July 1867, No. 2701.
(True Extract.)

Almington Colonel,
Deputy Secretary to Government.

To the Public Works Department, with two plans
and an enclosure.
" Controller of Military Accounts.

22 spare Copies.

Exd. F. Stubbs.

Communicated to the Supy. Eng. of the 4th Div. who will submit plans and estimate for the reservoir attached to the plans of the better date of the same, 1867.

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Start 18th June 1867
to SSCy Gen with plans and enclosure
18th June 1867
Exd. F. Stubbs

7th 1867 Dep^y
Secy of Govt for India
No 2327

Pro. of the Madras Govt
in the Military Dep^y

D/ 23
Recd 29 } July/67.

En. 3. No 2700

Sanctioning conditionally
the maintenance of the ad-
ditional establishment requir-
ed for supplying water from
the brown wells to the General
Hospital and Rectory at
Madras, and referring to the
P.W. Department the question
of the feasibility of construct-
ing the reservoir ^{at the Hospital} proposed by
the Superintending Engineer
No. 2303-31st July 1867
With an Order

No 727-728