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TAMIL NADU ARCHIVES

GOVERNMENT OF TAMIL NADU

P. W DEPARTMENT

G.O. No.	385-9 W	Press.
B.P. No.		Mis.
Dated	2. 10. 1878	~~107~~ .

Not to be folded or roughly handled

21

3859

GOVERNMENT OF MADRAS.
PUBLIC WORKS DEPARTMENT.

2nd October 1878, No. 3,859 W.

Buildings and Roads.
Military Works.

Read the following papers:—

No. 48. Endorsement of the Secretary to Government, Military Department, dated Ootacamund, 6th September 1878, No. 4,609.

From Brigadier-General H. O'CONNELL, Quartermaster-General, to the Secretary to Government, Military Department, dated Ootacamund, 5th September 1878, No. 1,005.

In forwarding the enclosed letter, No. 375, dated 30th August 1878, from the Officer Commanding Bangalore, I have the honor by order to request that permission may be granted to fill the cistern at Agram to a depth of 6 feet, as at present there is not sufficient pressure on the delivery pipes to make them work satisfactorily.

2. If necessary, the cistern might be strengthened by the Public Works Department to enable it to stand the additional pressure.

From Colonel H. WALLACE, Officer Commanding Bangalore, to the Quartermaster-General, Ootacamund, dated Bangalore, 30th August 1878, No. 375.

REFERRING to the second paragraph of O.G., No. 2,954 W, dated 22nd July 1878, I have the honor to request you will bring to the notice of the Officer Commanding the Forces the desirability of improving the present supply of water to the Agram Barracks generally.

2. With water in the cistern at the reduced height of 4½ feet the pressure on the delivery pipes in the whole of the Agram Barracks is so small that to fill the plunge-bath of the Cavalry, which is not many yards distant, several days are required, and at the further points in the Royal Artillery Barracks the water at times may be said merely to drop rather than to run from the pipes.

3. The Chief Engineer considers it doubtful whether the extra depth (6 feet) can with safety be retained in the Agram cistern; this depth was retained in it from the 10th June until the 11th July and no apparent injury resulted, there being no sign whatever of dampness in the outside of the cistern walls: perhaps this may not be considered a sufficiently trying test; but I would beg to urge that the authorities of the Public Works Department may be permitted to test the strength of the cistern in whatever manner may be considered desirable, so that should it be found practicable the level of the water in it may be permanently maintained at 6 feet, and if this is not found practicable that some measures may be devised by which a satisfactory pressure of water may be obtained throughout the Agram Barracks.

TRANSFERRED to the Public Works Department.

(By order,)

(Signed) J. MICHAEL, Colonel,
Secretary to Government, M.D.

No. 48-A. From Colonel F. J. MOBERLY, R.E., District Engineer, Bangalore, to the Chief Engineer, Public Works Department, dated Bangalore, 21st September 1878, No. 130.

In reply to memorandum, No. 4,223, dated 19th instant, I have the honor to report that water was kept up to 6 feet height in the cistern of the Cavalry Barracks from 10th June to 11th July, during which period the cistern was carefully watched, and that no leakage or dampness appeared in consequence.

2. I intended to have brought this to your notice in forwarding the revised estimate for the roof, which I hope to send shortly as soon as I receive from the Superintendent, Public Works Workshops, his estimate of the iron trusses.

No. 49.

ORDER THEREON, 2nd October 1878, No. 3,859 W.

As it appears from the District Engineer's letter that recently during a whole month the cistern was filled to a height of 6 feet and without any perceptible leakage, His Grace the Governor in Council in supersession of the Order of the 22nd July 1878, No. 2,954 W, sanctions the retention of $5\frac{1}{2}$ feet water in the cistern.

2. The District Engineer should carefully examine the cistern from time to time and revert to the original maximum height should any leakage be observed in the walls.

(True Extract.)

(Signed) E. A. FOORD, Colonel, R.E.,
Secretary to Govt., P.W.D.

(True Copy.)

Major, R.E.,
Under Secy. to Govt., P.W.D.

To the District Engineer, Bangalore.
„ Military Department.

Exd T. D. Ryan.
Spare Copies

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BUILDINGS AND ROADS
MILITARY WORKS.

Govt. of (1878) Madras.
PUBLIC WORKS.

To

THE DISTRICT ENGINEER,
BANGALORE.
&c., &c., &c.

Dated October 2nd.

Issued

Recd.

Encl.

G. O., 2nd October 1878, No. 3,859 W.

OCTOBER.

Nos. 48-49.

Cistern of the Cavalry Barracks, Banga-
lore.—Passing orders on the report of the
District Engineer on the —.

"Roads & Buildings."

No. 130.

3859
DISTRICT ENGINEER'S OFFICE

Bangalore 21st September 1878.

From

The District Engineer

Bangalore.

To

The Chief Engineer
Public Works Dept.
Madras.

SIR,

In reply to Memo No. 4,223
dated 19th Instant, I have the honor
to report that water was kept up
to 6 feet height in the cistern of the
Cavalry Barracks from 10th June to
11th July, during which period the
cistern was carefully watched, and
that no leakage or dampness appear-
ed in consequence.

2. I intended to have brought
this to your notice in forwarding in
the revised estimate for the year,
which

which I hope to send shortly, as soon as
I receive from the Superintendent,
Public Works Workshops, his estimate
of the iron trusses.

I have the honor to be

Sir,

Your most Obedt. Servt.

Herbert C. C. C.

District Engineer.

21/7

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C. 4223. of 19.9.78
No. 2954 W. 22.7.78 Orig

1878. Depa
Road & B. Building.

From No. 10545
The District Engineer
Bangalore

To
The Chief Engineer
P. W. Dept
Mysore

No. 130.

Dated 21st
Sept 23rd 1878

Concerning the
Cavalry Barracks

Reports that water was
kept up to 6 ft in the
from 10th June to 1st July 1878
& that during that period
no leakage or dampness
appeared.

To acty 23-9-78

Can 28.9.78 P. W. 2.10.78

Head Quarters Mysore Division
Bangalore 30th August 1878
No. 345
From
The Officer Commanding
Bangalore
To
The Quarter Master General
Mysore

Sir,
Referring to the second para of O. L.
No. 2954 W. dated 22nd July 1878, I have the
honour to request you will bring to the notice of the
Officer Commanding the Forces the desirability of
improving the present supply of water to the Agram
Barracks generally.

With water in the Cistern at the reduced
height of 4 1/2 feet the pressure on the delivery pipes
in the whole of the Agram Barracks is so small
that to fill the Plunge Bath of the Cavalry which
is not many yards distant several days are required
and at the further points in the Royal Artillery Barracks
the water at times may be said merely to drip rather
than to run from the pipes.

The Chief Engineer considers it doubtful
whether this extra depth (6 feet) can with safety be
retained in the Agram Cistern; this depth was
retained in it from the 10th June until the 1st
July and no apparent injury resulted, there being
no sign whatever of dampness in the outside of the
Cistern walls; perhaps this may not be considered
a sufficiently trying test, but I would beg to urge
that the Authorities of the P. W. D. may be permitted
to test the strength of the Cistern in whatever manner
may be considered desirable; so that should it be
found practicable the level of the water in it may

may be permanently maintained at 6 feet, and
if this is not found practicable that some measures
may be devised by which a satisfactory pressure
of water may be obtained throughout the Sagram
Barracks

I have the honor to be

Sir

Your most obedient servant

Richards Colonel

Commanding Bangalore

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3859
Public Works

No 3859 W Public Works Department 3859
9

PROCEEDINGS OF THE MADRAS GOVERNMENT.

Under date the 20 Oct 78

Read the following:—

Endorsement in the Military
Dept: on letter from the
Quarter Master General,
No 1005 dated 5 Sept 1878

H.R. No 4609 dated 6 Sept 78

From the Deputy Bangalore (H.R. No 130 of 21 do)

As it appears from
the District Engineer's letter
that recently during a
whole month the cistern
was filled to a height of
six feet and without any
perceptible leakage, His
Grace the Governor in Coun-
cil in supersession of
the Order of the 22^d July 78,
No 2954 W, sanctions
the retention of 5½ feet
water in the Cistern.

The District Engineer

Signature

28 Oct
6 Sept 1878
Public Works
Department

Recd: 1878 Sept 14
From
The Quarter Master
General
No 1005
dated 5 Sept 1878

Requesting that permission
may be granted to fill the
cistern at present to a
height of 6 feet

Public Works
Department
133 Bats

One enclosure

No 2954 W. d/20.7.78

20 Oct 10. 9. 78



Should carefully examine
the cistern from time
to time and revert
to the original maxi-
mum height should
any leakage be ob-
served in the walls.

6/17 20/9

Cir 28-9-78 Recd 2-10-78
23-9-78

of Bangalore
M. S. S. S.

Dec 18-10-78

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10

10395
10694

Gobt. of (1878) Madras.

PUBLIC WORKS.

To

Dated

Issued

Recd.

Encl.

G. O., 2nd Oct 1878, No. 38074

Nos. 1-49

List of the Cavalry Barracks
Bangalore

Passing orders on the report
of the DE on the —

Entwistle

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