

- (1) பக்கங்களின் எண்ணிக்கை 5
 (2) புதுக்கித் திருப்பிய நாள் 14.5.88
 (3) ஆதாரங்குறிப்பவர் சுருக்கொப்பம் சுருக்கொப்பம்

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தமிழ்நாடு ஆவணக் காப்பகம்.

தமிழ்நாடு அரசு

[Handwritten signature] துறை

அரசாணை எண். மு. கோப்புத் தாள் எண்.	3087	அச்சகம் பலவகை
நாள் :	16-11-1988	198 .

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மடிக்கவோ கண்டபடி கையாளவோ கூடாது

GOVERNMENT OF MADRAS.
PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Military Works.

READ—the following papers:—

From Brigadier-General E. FAUNCE, Quartermaster-General, to the Secretary to Government, Military Department, dated Ootacamund, 26th September 1887, No. 2715 B.

I have the honor, by order, to forward, for sanction and transfer to the Public Works Department for disposal, the estimate, plan, &c., below mentioned, which have been approved by the Commander-in-Chief. The plan and estimate have been countersigned:—

I. Estimate in duplicate, amounting to Rs. 11,710, for constructing masonry drains to the regimental lines at Mangalore.

II. Three plans.

III. Report of the Executive Engineer, West Coast Division, dated 8th June 1887, explaining the necessity for the work.

No. 5958, Military.

Approved and transferred to the Public Works Department for disposal.

(By Order.)

OOTACAMUND,
28th September 1887.

(Signed) A. KENNEY-HERBERT, Brigdr.-Genl.,
Secretary to Government.

No. 3662 C.

Forwarded to the Superintending Engineer, IV Circle, for favor of his views on the alternative estimate providing for 4-inch earthen pipes in lieu of open drains for discharging water from cisterns.

2. A saving of Rs. 1,086 would be effected by the use of concrete for the foundations of drains Nos. 1 and 2 in place of laterite in mortar. The Superintending Engineer should consider this point, and if he considers the alteration advisable, should revise the estimate accordingly.

(Signed) J. O. HASTED, Colonel, R.E.,
Chief Engineer, P.W.D.

22nd October 1887.

Superintending Engineer, IV Circle, with original papers (return requested).

From Colonel J. BEATTY, R.E., Superintending Engineer, IV Circle, to the Chief Engineer, Public Works Department, dated Coimbatore, 2nd November 1887, No. 441 E.W.

With reference to your memorandum, No. 3662 C., of 22nd ultimo, I have the honor to inform you that, on the 27th June 1887, I submitted to the Deputy Assistant

Adjutant-General, Belgaum district, for approval of His Excellency the Commander-in-Chief and transmission to Government for sanction, the undermentioned three estimates:—

No. 1—Estimate of Rs. 11,710 for constructing V-shaped drains to the main and minor streets *throughout* the Native Infantry lines at Mangalore, and brick-in-chunam cisterns to each backyard with 4-inch earthenware pipes for house connections;

No. 2—Estimate of Rs. 5,516 for the same works, but only to the eastern portion of the lines; on the supposition that funds might not be available for doing the whole work at once, and the eastern portion was considered the most emergent; and

No. 3—Estimate of Rs. 5,490 for the same drains with small V-shaped house connections.

2. From the papers received with your memorandum under reference, I gather that His Excellency the Commander-in-Chief has approved of the No. 1 estimate of Rs. 11,710, and that the Quartermaster-General has transmitted it to Government for sanction.

3. I prefer V-shaped small open drains for house connections, as provided in the *detailed estimate* herewith returned, in preference to the 4-inch earthenware pipes as entered in the abstract of the estimate; as the former would probably prove more durable than the latter, and there is little difference in cost as will be seen by the last paragraph of the specification.

4. It is, however, in my opinion better and cheaper to use concrete for foundation, as suggested by you, in the three sizes of drains, instead of laterite in mortar; and accordingly now submit a revised abstract estimate providing for this. By this alteration the total cost is reduced from Rs. 11,710 to Rs. 10,350.

ORDER—dated 16th November 1887, No. 3086 W., Public Works.

Ordered that the estimate, amounting to Rs. 10,350, for constructing masonry drains to the Native Infantry Regimental lines at Mangalore be forwarded to the Government of India, Military Department, for sanction with reference to para. 1140 of the Madras Public Works Code.

(Here enter No. 3087 W., dated 16th November 1887.)

(True Extract.)

(Signed) J. O. HASTED, Colonel, R.E.,
Secretary to Govt., P.W.D.

To the Superintending Engineer, IV Circle.
„ Examiner, Public Works Accounts.
„ Military Department.

ENDORSEMENT—dated 16th November 1887, No. 3087 W., Public Works.

Forwarded.

(Signed) J. O. HASTED, Colonel, R.E.,
Secretary to Govt., P.W.D.

Exd. J. Harrison.
Spare Copies

BUILDINGS AND ROADS.
MILITARY WORKS.

Govt. of (1887) Madras.
PUBLIC WORKS.

Dated November, 16th.

Recd.

Encl.

G.O., 16th Nov. 1887, No. 3087 W.

NOVEMBER.

Native Infantry Regimental
Lines at Mangalore

Estimate of Rs. 10,350 for constructing
masonry drains to the —, forwarded to the
Government of India, Military Department,
for sanction.

7TH FEBRUARY 1888, No. 433 W., PUBLIC WORKS.

GOVERNMENT OF MADRAS.
PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Military Works.

READ—the following letter from Colonel A. C. TOKER, Deputy Secretary to the Government of India, Military Department, to the Secretary to the Government of Madras, Public Works Department, dated Fort William, 30th January 1888, No. 186 M.W. :—

I am directed to acknowledge the receipt of your endorsement, No. 3087 W., dated 16th November 1887, submitting an estimate for constructing masonry drains in the Native Infantry lines at Mangalore.

2. In reply, I am to say, for the information of the Governor in Council, that the Government of India could not, without special and urgent reasons, entertain a proposal to construct masonry drains of the description contemplated at Mangalore in the lines of native troops.

3. In the present instance it appears that the drainage of Mangalore is very complete, and no information is put forward to show that it has been found inefficient. The Government of India are therefore unable to sanction the expense proposed.

4. The estimate is returned, together with the plan and other original enclosures of your endorsement.

ORDER—dated 7th February 1888, No. 433 W., Public Works.

Communicated to the Superintending Engineer, IV Circle, and to the Military Department, with reference to G.O., No. 3086 W., dated 16th November 1887.

(True Extract.)

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

To the Superintending Engineer, IV Circle, with seven enclosures.
" Examiner, Public Works Accounts.
" Military Department.

Exd. J. Moses.
Spare Copies

BUILDINGS AND ROADS.
MILITARY WORKS.

Govt. of (1888) Madras.
PUBLIC WORKS.

Dated February, 7th.

Recd.

Encl.

G.O., 7th Feb. 1888, No. 433 W.

FEBRUARY.

**Native Infantry Regimental
Lines at Mangalore**

Letter from the Government of India refusing to sanction, for reasons stated, estimate for constructing masonry drains to the —, communicated to the Superintending Engineer, IV Circle, and the Military Department.

HEADING

Cantonments
Cantonment Works No. 186 M. W.
GOVERNMENT OF INDIA.

MILITARY DEPARTMENT.

Fort William, the 30 January 1888.

To

THE SECRETARY TO THE GOVERNMENT OF MADRAS,
PUBLIC WORKS DEPARTMENT.

SIR,

I am directed to acknowledge the receipt of your endorsement No. 3087 W. dated 16th November 1887, submitting an estimate for constructing masonry drains in the Native Infantry lines at Mangalore.

2. In reply, I am to say for the information of the Governor-in-Council, that the Government of India could not without special and urgent reasons entertain a proposal to construct masonry drains of the description contemplated at Mangalore in the lines of Native Troops.

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efficient. The Government of India
are therefore unable to sanction the expense
proposed.

4. The estimate is returned together
with the plan and other original enclosures
of your endorsement.

I am,
Sir,
Your most obedient servant,

A. E. Lober

Deputy Secretary to the Govt of India,
No. 433 Waj 7 Feb 88

3087W-6-4-7

Communicated to the P. E. IV
Circle & to the Military Dept.
with reference to E.O. 42 3056 W
2/16 = Nov 2 1887 - Wm
P. E. IV 7/25/88

2nd Circle, J. 16 Jan 88
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Wm 11/16

Dec 30 1888
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Govt. of 1888 Madras

PUBLIC WORKS.

8/2

Dated

Recd.

Encl.

G.O. 7th Feb. 1888 No. 433 W.

Native Infantry Regimental
Lines at Mangalore

Letter from the Govt of India
requesting to sanction, for
reasons stated, estimate for
constructing masonry drain
to the —, commg to the
Supply & W. Quile & the
Military Department.

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