

- (1) பக்கங்களின் எண்ணிக்கை 18
 (2) புதுக்கித் திருப்பிய நாள் 1889
 (3) ஆதாரங்குறிப்பவர் சுருக்கொப்பம் 1889

தமிழ்நாடு ஆவணக் காப்பகம்.

(48)

தமிழ்நாடு அரசு

P. W. D. துறை

அரசாணை எண். மு. கோப்புத் தாள் எண்.	3238	அச்சகம் பலவகை
நாள் :	16 - 4 - 1889	198

மடிக்கவோ கண்டபடி கையாளவோ கூடாது

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GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Military Works.

READ—the following paper:—

From Brigadier-General M. PROTHEROE, C.B., C.S.I., Quartermaster-General, Madras Army, to the Secretary to Government, Military Department, dated Octacamund, 4th November 1889, No. 3201-B.

With reference to this office letters marginally noted, I am desired to propose an allotment of Rs. 40 towards the deepening of wells in the Madras Infantry lines at Mangalore from the balance of Rs. 437 remaining unexpended from the current year's grant for the sanitation of lines of Native troops in this command.

2. The work has already been completed in anticipation of an allotment of funds.

No. 7708, Military.

Transferred to the Public Works Department, with reference to Military Department endorsements noted below:—

No. 6480, dated 23rd September 1889.
" 7264 " 22nd October "

FORT ST. GEORGE,
7th November 1889.

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

ORDER—dated 16th November 1889, No. 3238 W., Public Works.

The sum of Rs. 40 required for deepening the wells in the Madras Infantry lines at Mangalore, is allotted from the balance of the reserve with the Government for the sanitation of lines of Native troops.

(True Extract.)

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

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

Ed. P. L. Pereira.
Spare Copies

BUILDINGS AND ROADS.
MILITARY WORKS.

Gobt. of {1889} Madras.

PUBLIC WORKS.

Dated November, 16th.

Recd.

Encl.

G.O., 16th Nov. 1889, No. 3238 W.

NOVEMBER.

Wells

Allotting Rs. 40 for deepening the — in the Madras Infantry lines at Mangalore.

2ND OCTOBER 1889, No. 2763 W., PUBLIC WORKS.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Military Works.

READ—the following paper:—

From Brigadier-General M. PROTHEROE, C.B., C.S.I., Quartermaster-General, to the Secretary to Government, Military Department, dated Ootacamund, 9th September 1889, No. 2546 B.

With reference to O.G., No. 6019, dated 2nd instant, I am desired to state that proposals for the utilization of the reserve of Rs. 617 will be submitted later on in the current official year after it has been ascertained from districts whether money is

* Proceedings of Government (Public Works Department), No. 2155 W., dated 10th August 1889.

required to supplement the grants already sanctioned in Proceedings of Government,* No. 5797, dated 26th ultimo, or for allotment to any additional sanitary work.

2. I am also to forward a list showing the order in which it is proposed that funds should be allotted to the remaining works required to complete the sanitary improvements to lines of native troops in this command.

ENCLOSURE.

STATEMENT showing the order in which it is proposed to allot funds for the following works connected with proposals for the better sanitation of lines of Native troops of the Madras Army.

Order of urgency.	District.	Station.	Lines.	Works.	Approximate cost.	Remarks.
I	Secunderabad.	Secunderabad.	All lines	Completion of sub-soil drainage.	rs. 1,000	Public Works Department, Government of India.
II				Latrine accommodation (public) Bowenpilly, Begumpet and Tarbund lines, one latrine each.	1,800	
III				Masonry or concrete surface drains to all lines.	50,000	
I	Belgaum	Bellary	North and South Infantry lines.	Latrines (2), one in each set of lines, at Rs. 800 each.	1,600	
II	Do.	Mangalore	Madras Infantry lines.	Additional latrine accommodation.	600	
III	Southern	Trichinopoly.	Madras Infantry (Pioneer) lines.	Removal of a chucklers' par-cherry reported as very insanitary.	2,000	
IV	Madras	Salmakót	Madras Infantry lines (Detachment).	Enlargement of latrine or construction of a new one.	300	
V	Do.	Pallavaram	Do.	Two latrines on reoccupation of lines by a Madras Infantry half battalion.	1,600	
VI	Do.	Ráyapuram.	Madras Infantry lines.	Improvements to drainage	415	
VII	Southern	Trichinopoly.	Madras Infantry (17th) lines.	Masonry surface drainage of lines.	8,000	

Statement showing the order in which it is proposed to allot funds, &c.—*cont.*

Order of urgency.	District.	Station.	Lines.	Works.	Approximate cost.	Remarks.
VIII	Belgaum ..	Bellary ..	North and South Infantry lines.	Masonry or concrete drains at Rs. 10,000 for each set of lines.	Rs. 20,000	
IX	Do. ..	Belgaum ..	Right and left flank lines.	Masonry surface drains ..	23,000	
X	Do. ..	Mangalore ..	Madras Infantry lines.	Do. do. ..	11,710	Negated by Government of India (see Proceedings of Government, No. 1226, dated 21st February 1889).
XI	Madras ..	Saint Thomas' Mount.	Madras Infantry lines (Detachment).	Straightening, &c., of drains.	250	
XII	Do. ..	Samalkot ..	Do. ..	Improvements to wells ..	100	
XIII	Belgaum ..	Mangalore ..	Madras Infantry lines.	Do. to 2 wells ..	300	

OOTACAMUND,
9th September 1889.(Signed) M. PROTHEROE, Brigdr.-Genl.,
Quartermaster-General.

No. 6480, Military.

Transferred to the Public Works Department, with reference to Proceedings of Government (Military), No. 6019, dated 2nd September 1889.

FORT ST. GEORGE,
23rd September 1889.(Signed) H. R. SHELLEY, Colonel,
for Secretary to Government.

ORDER—dated 2nd October 1889, No. 2763 W., Public Works.

Communicated to Superintending Engineers concerned for information.

2. The preparation of plans and estimates for items 12, 13 and 15 to 24 of the schedule circulated with G.O., No. 2604 W., dated 20th September 1889, should be undertaken in the order given in the statement annexed to the letter from the Quartermaster-General above recorded.

3. Ordered that a copy of these Proceedings be forwarded to the Government of India, Military Department, for the information of the administrations concerned with reference to items 9 to 11 and 14 of the schedule forwarded with letter No. 2605 W., dated 20th September 1889.

(Here enter No. 2764 W., dated 2nd October 1889.)

(True Extract.)

(Signed) R. R. E. DRAKE-BROCKMAN, Lt.-Col., R.E.,
Ag. Joint Secy. to Govt., P.W.D.

To the Superintending Engineer, I Circle.

"	"	"	III	"
"	"	"	IV	"
"	"	"	V	"
"	"	"	VI	"
"	"	"		"

Military Department.

ENDORSEMENT—dated 2nd October 1889, No. 2764 W., Public Works.

Forwarded.

(By Order.)

(Signed) R. R. E. DRAKE-BROCKMAN, Lt.-Col., R.E.,
Ag. Joint Secy. to Govt., P.W.D.Exd. J. Moses.
Spare Copies

3238

3

BUILDINGS AND ROADS.
MILITARY WORKS.

Gobt. of {1889} Madras.
PUBLIC WORKS.

Dated October, 2nd.

Recd.

Encl.

G.O., 2nd Oct. 1889, Nos. 2763,
2764 W.

OCTOBER.

Sanitary Works

Forwarding copy of Proceedings on letter from the Quartermaster-General stating that proposals for the utilization of the reserve will be made later in the year, and forwarding a list of — showing the order in which it is proposed to allot funds.

3238

10TH AUGUST 1889, Nos. 2155, 2156 W., PUBLIC WORKS.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Military Works.
Account.

READ—the following paper:—

From Brigadier-General M. PROTHEROE, C.B., C.S.I., Quartermaster-General, to the Secretary to Government, Military Department, dated Ootacamund, 25th July 1889, No. 2079 B.

With reference to G.O., Military Department, No. 3699, dated 6th ultimo, I have been desired, by His Excellency the Commander-in-Chief, to submit the accompanying statement showing the proposed allotment of Rs. 20,000 included in the Military Works budget estimate for the current year to be expended in the sanitation of Native lines in this command.

2. Items 1, 2 and 3 are necessary for the completion of the Pioneer lines at Bangalore. The money noted against item No. 1 has already been expended from the grant from the Military budget for the construction of barracks and married sepoy's huts, and will have to be refunded to enable the Officer Commanding, 1st Pioneers, to finish these buildings. Item No. 4 is to cover part of the cost of deepening Miller's tank at Bangalore, whereby the water-supply of the Madras Infantry battalions occupying the east and west hutting lines in that station will be greatly improved (see my letter No. 543 (Barrack), dated 13th ultimo, to your address). Item 5 is for the improvement of the water-supply at Bellary, and, with items 6, 7 and 8, has been recommended for execution by the local Sanitary Committee, which has been assembled to report on the lines at each station.

3. In regard to the orders contained in para. 4 of O.G., dated 1st May 1889, No. 1159 W., Public Works, the Commander-in-Chief recommends that the whole of the difference between the total allotment of Rs. 20,000 and the sum of Rs. 16,699 provided in the Madras Public Works budget be expended in the subsoil drainage of the Secunderabad Native lines, a work which has been strongly recommended by the Sanitary Committee assembled at that station. This amount may not be sufficient for the completion of the work, but it will go a long way towards it, and any drainage left undone for want of funds at the end of the current official year can be completed next year from the grant for 1890-91.

4. The estimated expenditure on the above items being approximate only, a small reserve of Rs. 617-9-8 has been entered, which, it is suggested, may be applied, if necessary, towards the completion of any of the above works; should it not be required for this purpose, it can be allotted later on in the year to an additional sanitary work.

5. In the remark column of the final issue of the Imperial Military Works estimate for 1889-90, part I, class B works, item No. 4, "Improving the sanitation of the lines of Native troops, Rs. 16,699," it is noted that estimates are awaited; in order, therefore, to save time, copies of the proposed allotment will be forwarded to General Officers Commanding Districts, with a request that they will cause the necessary estimates to be submitted without delay.

4

ENCLOSURE.

STATEMENT showing the proposed allotment of Rs. 20,000 included in the Military Works Budget Estimate for 1889-90 to be expended in the sanitation of Native Lines in the Madras Command.

District.	Station.	Lines.	Item.	Recommendations.	Approximate cost.
					RS. A. P.
Bangalore ..	Bangalore ..	1st Pioneer lines	1	Provision of wells and drains in 1st Pioneer lines (already provided to this extent out of money which should have been expended in the erection of huts, and which is now required to complete the lines) .. (<i>Vide</i> Quartermaster-General's letter, No. 2011 B., dated 22nd July 1889, to the Secretary to Government, Military Department.)	2,687 6 4
			2	Approximate estimate of completion of drainage, Pioneer lines ..	6,450 0 0
			3	Provision of public latrines, Pioneer lines ..	945 0 0
		East and West hutting lines.	4	Improvements to water-supply ..	2,000 0 0
Belgaum ..	Bellary ..	North and South lines ..	5	Sinking a new well ..	1,000 0 0
Secunderabad ..	Secunderabad ..	Begumpett, Chilkalgudum, Tarbund, Maredipilly and Bowenpilly lines.	6	Subsoil drainage of lines (total approximate estimate, Rs. 4,116) ..	3,300 0 0
Bangalore ..	Bangalore ..	East Hutting lines ..	7	New standard plan latrines ..	2,000 0 0
Southern ..	Trichinopoly ..	New lines ..	8	Do. do. ..	1,000 0 0
				Total ..	19,382 6 4
				Reserve ..	617 9 8
				Grand Total ..	20,000 0 0

Ootacamund,
25th July 1889.

(Signed) M. PROTHEROE, Brigdr.-Genl.,
Quartermaster-General.

No. 4998, Military.

Transferred to the Public Works Department with reference to O.G., No. 1159 W., dated 1st May 1889.

Ootacamund,
26th July 1889.

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

ORDER—dated 10th August 1889, No. 2155 W., Public Works.

With his letter above recorded, the Quartermaster-General submits a statement showing the distribution of the grant provided in the current year's Military Works budget for improving the sanitation of the lines of Native troops under the Madras Command. The distribution proposed is approved and the following allotments are accordingly sanctioned:—

	RS.
(1) Provision of wells and drains in 1st Pioneer lines, Bangalore ...	2,687
(2) Completing the drainage of the Pioneer lines, Bangalore ...	6,450
(3) Provision of public latrines, Pioneer lines, Bangalore ...	945
(4) Improvements to water-supply, East and West Hutting lines, Bangalore ...	2,000
(5) Sinking a new well, North and South lines, Bellary ...	1,000
(6) New standard plan latrines, East Hutting lines, Bangalore ...	2,000
(7) Do. do. New lines, Trichinopoly ...	1,000
Total ...	16,082

2. As the above allotments amount to only Rs. 16,082 against the budget grant of Rs. 16,699, the difference Rs. 617 will be held in reserve with the Government to supplement the above grants, if necessary, or for allotment later in the year to any additional sanitary work.

3. As regards item No. (1), it is observed that the amount has already been expended from the grant provided in the Military budget for the construction of barracks and married sepoys' huts, and will have to be refunded to enable the Officer Commanding, 1st Pioneers, to finish those buildings. The Superintending Engineer, V Circle, will expedite the submission of an estimate for item (2). The approximate cost of the other items being within the Superintending Engineer's power of sanction, early steps should be taken to obtain the approval of the Military authorities to estimates for the works, which should be completed as early as practicable.

4. The Quartermaster-General will be requested to expedite the submission of detailed proposals for utilising the grant provided for the "Institutes of British Regiments and Batteries in the Presidency."

5. With reference to para. 4 of G.O., No. 1159 W., dated 1st May 1889, the Government of India will be requested to instruct the Resident at Hyderabad to make the necessary provision for the subsoil drainage of the lines at Secunderabad.

(Here enter No. 2156 W., dated 10th August 1889.)

(True Extract.)

(Signed) R. R. E. DRAKE-BROCKMAN, Lt.-Col., R.E.,
Ag. Joint Secy. to Govt., P.W.D.

To the Superintending Engineer, III Circle.
" " " V "
" " " VI "
" Examiner, Public Works Accounts.
" Military Department.

LETTER—to the Secretary to the Government of India, Military Department, dated Ootacamund, 10th August 1889, No. 2156 W.

In forwarding the accompanying Proceedings of this Government, No. 2155 W., dated 10th August 1889, I am to request that the Resident at Hyderabad may be instructed to provide a sum of Rs. 3,300 for the subsoil drainage of the Native lines, Secunderabad.

(Signed) R. R. E. DRAKE-BROCKMAN, Lt.-Col., R.E.,
Ag. Joint Secy. to Govt., P.W.D.

Exd. P. L. Pereira.
Spare Copies

MILITARY WORKS.
ACCOUNT.

Gobt. of {1889} Madras.

PUBLIC WORKS.

Dated August, 10th.

Recd.

Encl.

G.O., 10th Aug. 1889, Nos. 2155,
2156 W.

AUGUST.

Native Lines at Secunderabad

Requesting that the Resident at Hyderabad may be instructed to provide funds for the subsoil drainage of the —.

Form No. 7 B.

HEADING

*Native Lines
Autling*

It is requested that the heading, number, and date of this communication may be quoted in any subsequent correspondence on this subject.

From

BRIGADIER-GENERAL M. PROTHEROE, C.B., C.S.I.,

QUARTER MASTER GENERAL,

To

THE SECRETARY TO GOVERNMENT,

MILITARY DEPARTMENT.

SIR,

With reference to this Office Letter marginally noted, I am desired to propose an allotment of Rs 40/- towards the deepening of wells in the Madras Infantry lines at Mangalore from the balance of Rs. 437/- remaining unexpended from the current year's grant for the sanitation of lines of Native Troops in this Command.

2. The work has already been completed in anticipation of an allotment of funds.

*I have the honor to be,
Sir,*

Your obedient Servant,

M. Protheroe

*Brigadier-General
Quartermaster General.*

N.B. 5.50 requires.

3228 110
QUARTER MASTER GENERAL'S OFFICE,

Ootacamund,

4th November 1889.

No. 3201 B.

32384

Relative to allotment of Rs 40/-
towards the deepening of wells in the
M-2 line at Mangalore from the
balance of Rs 437/- remaining unexpended
from the current year grant for the
Sanitation of lines of Native Troops in
this Command.

Fort Saint George,
27th November 1899.

Endorsement thereon in
the Military Department. No 7708 d 7^e November 1889.

The sum of
Rs 40 required for deepening
the wells in the Madras
Infantry lines at Mangalore,
HCO is allotted from the balance
15 Nov of the reserve with the Govt
= erument for the Sanitation
of lines of native troops.

13.11.59

Pureos
16-11-8

To
The S. E. IV Circle -
a Ex P. W. Accts.
a Military Dept.

3238

4

9

PROCEEDINGS OF THE WARREN COMMISSION

~~10/1~~

10/1

How. 10-11-89
R161

10729.

Govt. of Madras.

PUBLIC WORKS.

10729

Date

By

Encl.

G.O. 16th Nov. 1887 No. 3238 W.

Wells.

Allotting Rs 40 for
deepening the — in the
Madras hy. survey lines
at Mangalore.

100/

(9)

590/11