

(1) Number of pages 42
 (2) Date of repair 13-5-87 ✓
 (3) Initials of the Referencer bw

TAMIL NADU ARCHIVES

GOVERNMENT OF TAMIL NADU

DEPARTMENT

P. W. D.

G.O. No.	1955, 1956. w.	Press.
B.P. No.		Mis.
Dated	2-8-1882	197

Not to be folded or roughly handled

lx.m.k.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

General.
Account.

No. 25.

READ—the following papers:—

Read—G.O., dated 26th June 1882, No. 3118, Military.

From Lieutenant-Colonel J. EWING, Officiating Quartermaster-General, to the Acting Secretary to Government, Military Department, dated Ootacamund, 21st June 1882, No. 484:—

I have the honor, by order of the Commander-in-Chief, to bring to the notice of Government that, during his recent tour through several of the districts under his Command, His Excellency was very much struck with the want of stabling for Government horses in Southern India, and, being of opinion that the provision of proper shelter for these animals will in the end be economical, His Excellency recommends the measure for the favorable consideration and orders of Government.

2. Sir Frederick Roberts is quite averse to expensive structures being erected, such as exist for the cover of horses in many parts of India, and is of opinion that all that is required is shelter from sun, wind and rain. Stalls, of course, would have to be properly floored and drained, but the partitions, instead of consisting of walls, need only be two bamboos, provided the stalls are made wide enough.

3. I am also desired to state that the Commander-in-Chief does not, of course, expect all the stabling accommodation required for this Presidency to be provided at once, but, if Government generally approves of the proposed measure, His Excellency will cause detailed proposals on the subject to be submitted so that stabling may be at once commenced in certain localities, and has hopes within the next two or three years to see shelter provided for all Government horses in this Presidency.

4. In the meantime Sir Frederick Roberts thinks it very desirable that the Department of Public Works should be called upon to furnish a plan of the inexpensive style of stabling contemplated by His Excellency, and begs that Government will be pleased to issue instructions accordingly, the officer detailed to draw up this scheme having it clearly explained to him that the cost should not, at the outside, exceed Rs. 70 (seventy) per stall.

5. His Excellency is confident that, if the work can be done at this rate, the horses will, from being properly sheltered, benefit in every way both in health and efficiency, and, of course, the British Soldier will also benefit from attending to his horse under shelter instead of having, as at present, to do so in the sun or rain.

Order—dated 26th June 1882, No. 3118, Military.

Approved and transferred to the Public Works Department for the required plan, and for information as to what funds, if any, are available for the proposed work in the current year's budget.

(By Order.)

(Signed) E. L. HANKIN, Colonel,
Acting Secretary to Government.

Read—G.O., dated 1st July 1882, No. 3268, Military.

From Lieutenant-Colonel J. EWING, Officiating Quartermaster-General, to the Acting Secretary to Government, Military Department, dated Ootacamund, 19th June 1882, No. 475:—

The generally bad condition, amounting to decay, of the buildings of the Gun Powder Factory having been brought to notice, a careful inspection of them was ordered, and this has demonstrated the absolute necessity for the very considerable repairs noted in list A attached, the estimated cost of which amounts to the large sum of Rs. 26,348.

2. Of this sum the Superintending Engineer reports not more than Rs. 6,348 can be met from the ordinary repair grant of the year, and it is therefore necessary for His Excellency the Commander-in-Chief to ask Government to sanction a special grant of Rs. 20,000 for the execution of the repairs in question.

3. A sum of Rs. 20,000 has been allotted for expenditure in the current year on new works in connection with improvements to the Gun Powder Factory, but the Inspector-General of Ordnance considers the early execution of the works shown in list B attached, the cost of which amounts to Rs. 35,810, to be absolutely indispensable for the reasons given.

4. Sir Frederick Roberts therefore submits, for the consideration of Government, the desirability of making the requisite addition to the budget grant to meet this expenditure also.

5. I am to mention that, in making the above recommendations, the orders of the Government of India contained in O.G., No. 1346, dated 24th March 1882, have not been overlooked by His Excellency the Commander-in-Chief, but he is satisfied that the efficiency of the Gun Powder Factory demands the expenditure asked for.

No. 3059.

Forwarded to the Inspector-General of Ordnance for report, with reference to the remarks of the Executive Engineer quoted in Statement A.

21st June 1882.

(Signed) E. L. HANKIN, Colonel,
Acting Secretary to Government.

From Colonel S. CHAMIER, Inspector-General of Ordnance, to the Acting Secretary to Government, Military Department, dated Fort St. George, 29th June 1882, No. G-77:—

In reply to your No. 3059, dated 21st instant, I have the honor to state, for the information of the Right Honorable the Governor in Council, that the Superintendent, Gun Powder Factory, informs me that since July 1878 several letters have been addressed to the Executive Engineer with regard to the state of disrepair of the buildings of the Factory.

2. So far back as the 21st August 1878 Colonel Childers, then Superintendent of the Gun Powder Factory, forwarded to the District Engineer, Presidency, a statement as follows of the repairs required to the buildings of the Factory:—

Office	...	...	...	...
Saltpetre refinery	...	...	...	...
Evaporating room	...	...	...	...
Engine-room at refinery	...	...	...	...
General store-room	...	...	...	...
Conicopolies' office	...	...	...	...
Iron store-room	...	...	...	...
Coal stores	...	...	...	...
Brimstone store	...	...	...	...
Timber store-room (old bullock mill)	...	...	...	...
Spare machinery store (do.)	...	...	...	...
Workshop	...	...	...	...
Engineer's store-room	...	...	...	...
Blacksmith's shop	...	...	...	...
Dust deposit magazine	...	...	...	...
Breaking-down house	...	...	...	...
Green charge deposit magazine	...	...	...	...
Dried powder deposit magazine	...	...	...	...
Barrelling room	...	...	...	...
Final dusting house	...	...	...	...
Press-house	...	...	...	...
Drying house	...	...	...	...
Cooperage	...	...	...	...
Barrel store-room	...	...	...	...
Magazine	...	...	...	...
Meal deposit magazine	...	...	...	...
Granulating house	...	...	...	...
Millman's watch-house attached to glazing house	...	...	...	...
Evaporating room	...	...	...	...
Engine-room at refinery	...	...	...	...
Iron store-room	...	...	...	...
Coal house, No. 2	...	...	...	...
Brimstone store (old Bullock mill)	...	...	...	...
Timber store (do.)	...	...	...	...
Spare machinery store (do.)	...	...	...	...
Workshop	...	...	...	...
Glazing house	...	...	...	...
Millman's watch-house attached to granulating house	...	...	...	...

These houses and rooms require replastering internally and externally in places. An entire renewal of plastering with Portland cement preferable. Doors and windows require painting. Bolts of No. 4 saltpetre stores require renewal. All entrance, archways through mounds require replastering.

These buildings also require repair of roofs.

Of these buildings repairs have been executed only to the glazing house, the press-house, and the barrelling room. The dates of completion of the repairs to these building being respectively 17th September 1879, 16th February 1880, and the 23rd February 1880.

3. On the 9th September 1878, the District Engineer wrote saying that the repairs to the coal shed had not been executed for want of funds, that application for additional funds had been made to Government, and that as soon as they were sanctioned the work would be put in hand. With respect to the remainder of the works he wrote that estimates were under preparation. The repairs however have not been executed, and the condition of the buildings is consequently such as described by the Executive Engineer in the statement "A" with enclosures, received with your docket under reply and now returned.

Order—dated 1st July 1882, No. 3268, Military.

Approved and transferred to the Public Works Department, for early consideration as to how the necessary funds are to be provided.

(By Order.)

OOTACAMUND,
1st July 1882.

(Signed.) E. L. HANKIN, Colonel,
Acting Secretary to Government.

2ND AUGUST 1882, No. 1955 W., PUBLIC WORKS.

No. 25-A.

From Lieutenant-Colonel J. EWING, Officiating Quartermaster-General, to the Secretary to Government, Public Works Department, dated Ootacamund, 5th July 1882, No. 592 :—

With reference to Proceedings of Madras Government, (Military Department,) No. 3118, dated 26th June 1882, I have the honor, by order of the Commander-in-Chief, to inquire what funds are likely to be available for the construction of stables for horses this year.

2. Sir Frederick Roberts is anxious that stables should be built this year at Kamptee, Bangalore, and Bellary, at Rs. 70 per stall, leaving the stations of Secunderabad and St. Thomas' Mount to be attended to next year, and requests information whether this can be done.

No. 26.

ORDER—dated 2nd August 1882, No. 1955 W., Public Works.

Ordered that the Government of India be requested to make an additional assignment.

(Here enter No. 1956 W., dated 2nd August 1882.)

(True Extract.)

Under Secy. to Govt., P.W.D.,
Irrigation Branch.

To the Military Department, with copy of letter.

Exd. S. T. Austin.
Spare Copies

GENERAL.
ACCOUNT.

Gobt. of (1882) Madras.
PUBLIC WORKS.

Dated August, 2nd.

Recd.

Encl.

G.O., 2nd Aug. 1882, No. 1955 W.

AUGUST.

Nos. 25-26.

Military Works.

The Government of India requested to make an additional assignment of funds to carry out certain ---

2ND AUGUST 1882, No. 1956 W., PUBLIC WORKS.

PUBLIC WORKS DEPARTMENT.

General.
Account.

No. 27.

LETTER—from

COLONEL R. H. SANKEY, C.B., R.E.,

Secretary to Government, Public Works Department,
Madras,

To

THE SECRETARY TO THE GOVERNMENT OF INDIA,
Public Works Department.

SIR,

In the orders on the Madras Imperial Military Works Budget Estimate for 1882-83, the Government of India sanctioned a grant of Rs. 6,20,000 under all heads as specified below:—

	RS.
Original Works { In progress	50,793
{ Not commenced	1,62,231
Repairs	2,75,000
Establishments	1,13,626
Tools and Plant	12,350
Total	6,20,000

2. This sum although in excess of the Budget Estimate (Rs. 4,70,000) for 1881-82 is, I am to represent, wholly inadequate to meet the urgent requirements of troops in this Presidency.

3. The desirability of largely enhancing the grant for Military Works has already formed the subject of correspondence with the Government of India, and in this connection I am to invite attention to the papers quoted in the margin, and to express a hope that the Government of India will be pleased to make an additional assignment to be applied to certain specified works, the necessity for which is regarded by the Right Honorable the Governor in Council to be unquestionable.

4. His Excellency the Commander-in-Chief has brought to the notice of Government that on his recent tour through the Southern Districts he was very much struck with the want of stabling for Government horses in Southern India, and he is of opinion that, looking to the extent to which horses suffer in this part of India from exposure, the provision of proper shelter for these animals will in the end prove economical. The question of an inexpensive style of stabling is now under the consideration of the Chief Engineer, who will shortly submit a design for the approval of Government. Meanwhile His Excellency the Commander-in-Chief considers that arrangements should be made for erecting stalls during the current official year at the

three Military stations of Kamptee, Bangalore, and Bellary. (I may here add that the first named station is beyond the territorial limits of the Madras Public Works Department.) The stations of Secunderabad and St. Thomas' Mount being left for attention next year.

5. It has also been represented by the Inspector-General of Ordnance that the Gun Powder Factory buildings at Madras are in immediate need of extensive repairs, and that the roof of the Arsenal in Fort St. George requires attending to.

6. The want of a separate building as a Hospital for boys at the Lawrence Asylum at Ootacamund is a further admitted necessity. There are at present no means of isolating the sick, which in a large establishment such as that under notice is an essential condition, the absence of which may perhaps result in grave consequences.

7. The desirability of locating at Ootacamund a Company of the Queen's Own Sappers and Miners having been brought under the notice of Government by His Excellency the Commander-in-Chief, the Right Honorable the Governor in Council fully concurs with the proposal, which, owing to the large amount of work now in progress and the great difficulties experienced in regard to ordinary labor, promises to be of essential service, and to hold out means of employing the men of the corps for several years in a very profitable manner. At the present moment, owing to the requirements of the Egyptian expedition, no Company can be spared for transfer to the Hills, but as it will be as well to provide quarters as soon as possible for about half a Company, the Government would desire to have an extra sum of Rs. 12,000 assigned during the current year on this account also.

8. There are many other demands of less urgency which might well claim attention, but His Excellency the Governor in Council is desirous of restricting expenditure to the lowest possible limits, and in this view is not disposed to ask for a larger assignment than about one lakh of rupees, to be distributed as follows:—

	RS.
Repairs to Powder Factory, Madras	20,000
Do. to roof of Arsenal, Fort St. George	5,000
Boys' Hospital, Lawrence Asylum, Ootacamund	10,000
Housing for half a Company of Queen's Own Sappers and Miners.	12,000
Stables for horses at Bangalore and Bellary	65,000
Total	1,12,000

the requisite percentages for Establishment and Tools and Plant being added.

9. I am strongly to urge that this demand be taken into the early favorable consideration of the Government of India.

I have the honor to be,

Sir,

Your most obedient servant,

Secy. to Govt., P.W.D.,
Irrigation Branch.

FORT ST. GEORGE,
2nd August 1882.

Exd. S. T. Austin.
Spare Copies

GENERAL
ACCOUNT.

Govt. of [1882] Madras.
PUBLIC WORKS.

Dated August, 2nd.

Recd.

Encl.

2nd Aug. 1882, No. 1956 W.

AUGUST.
No. 27.

Military Works.

Requesting an additional assignment of
funds for certain Military Works.

Traffic Code Form C.

Class.	INDIAN TELEGRAPH.				Local No.
To	From				
(Station)	(Station)				
Words.	Day.	Hour.	Minute.	OFFICIAL INSTRUCTIONS.	
36/3	26	8	45	URGENT	
To (Person)	From (Person)				
Wemy	Col. Collett				
<p>which employed under public works and working contract special arrangement made officers working pay at Simla got 100 rupees monthly for supervision which covered pay all officers in assam same allowance given</p>					
<p>RECD. FROM L. N. SENT TO L. N.</p> <p>AT Hrs. M/a, Br. AT Hrs. M/a, Br.</p> <p>OCTACAMUND 26-8-82</p> <p>Telegraph Master</p>					

(P.L.L.)—Govt. Tel. Preset—No. 621—13-11-79—1000000.

	as Colonel	as 2. Col
Chief Engineer 1st Class	2500	2500
" 2nd/3rd	304	243
Total	2804	2743

" 2nd Class	2000	2000
"	304	243
Total	2304	2243

" 3rd Class	1800	1800
"	304	243
Total	2104	2043

	Colonel	2. Colonel	Major
Sub Lt 1st Class	1600	1600	1600
"	304	243	182
Total	1904	1843	1782

" 2nd Class	1350	1350	1350
"	304	243	182
Total	1654	1593	1532

" 3rd Class	1100	1100	1100
"	304	243	182
Total	1404	1343	1282

En. Engr.	1st Grade	2. Col	Major	Capt.	Sub Lt
		950	950	800	800
		243	182		
Total		1193	1132		

" 2nd Grade	800	800	800	
"	243	182	140	
Total	1043	982	940	

" 3rd Grade	650	650		
"	182	140		
	832	790		

" 4th Grade	550	550	550	
"	182	140	70	
Total		732	690	620

2nd. Engineer		450	450	
1st. Grade		140	70	
		Total	590	520

2nd. Grade			350	
			70	
Total			420	

R 2 Open attached to Madison L & R

Command of Companies

	Commandant		Command of Companies		
	As Col	As Lt. Col	As Major	As Captain	As Lt.
1265-5-0	1002-4-0	759-3-0	417-7-8	265-12-0	
600-0-0	600-0-0	-	30-0-0	30-0-0	
1865-5-0	1602-4-0	759-3-0	507-7-8	355-12-0	
	Second in Command				
- - -	1002-4-0	759-3-0	417-7-8	265-12-0	
- - -	- - -	- - -	30-0-0	30-0-0	
- - -	- - -	- - -	112-0-0	112-0-0	
			559-7-8	507-12-0	
			608-2-8		
			1000-0-0	1000-0-0	

1265-5-0

600-0-0

1865-5-0

Second in Command

- - -

- - -

- - -

1002-4-0

759-3-0

417-7-8

265-12-0

30-0-0

30-0-0

112-0-0

112-0-0

559-7-8

507-12-0

608-2-8

1000-0-0

1000-0-0

Pay and Allowances of R.E. Officers Serving with the Quins Bow Sappers and Miners

Commandant.		Command of Camps.		
Colonel	Lt Colonel	Major	Major	Captain
1255-5-0	1002-4-0	540-14-0	759-3-0	433-11-0
500-0-0	500-0-0	500-0-0		30-0-0
			20-0-0	20-0-0
				03-0-0
				100-0-0
30-0-0	30-0-0	30-0-0	30-0-0	
1895-5-0	1032-4-0	1270-14-0	509-3-0	543-11-0
	Second Lieut. Command.		D. duty as Lieut. and Sec. 1903.	
	1002-4-0	757-3-0	759-3-0	433-11-0
			240-0-0	240-0-0
	30-0-0	30-0-0	30-0-0	30-0-0
	1032-4-0	789-3-0	1029-3-0	703-11-0

Pay and Allowances.
Command Allowance
Repair of arms &c.
Sapper allowance
Extra Pension
Horse allowance
Total

18th July 1904

Commandant

1904's last Payroll

Horse allowance

8. Discrepancies on lower rate of pay
draw about 14 5/2 Cus.

Rough Comparative Statement of the
(a) when employed in the RPV

Departmental Appointments

Rank in RPV Class Military Rank

Chief Mag ²	2nd Lieut	Major	Captain	Sub.
" "	1 st 2743			
" "	2 nd 2243			
" "	3 rd 2043			
Super ² 1 st	1813	1782		
" "	2 nd 1593	1532		
" "	3 rd 1343	1282		
Proc ² 1 st	1193	1132		
" "	2 nd 1043	982	940	
" "	3 rd	832	790	
" "	4 th	732	690	620
Asst ² 1 st		590	520	
" "	2 nd		420	

No Departmental Appointments

Salaries received by Officers of R.E
(b) when in Military Employ with Sappers.

Equivalent Sapper Appointments

Military Rank

Commandant Officers Commanding Co's
2nd Lt. Major Major Capt. Lieut. Major Major Lieut. 3 years

No	Similar Appointment
do	do
do	do
do	do
1532	
No	Similar Appointment
1271	
No	Similar Appointment
do	do
809	789
644	
476	423
336	273

Dear Sir,

It seems to me
that a company of Sappers
might well be employed on the
works. The work to be done as
far as possible by piece work
but care must be taken that no
old man receives less for a large work
than he would if he were working
in the Military Department, as the
cost of living on the hills is heavy
the rates for piece work should be liberal,
and should be allowed for reasonable charges
to Royal Engineers.

I do not know where the Sappers
Barracks at Wellington are
but I remember that formerly
the Sappers were liable to
arrangements from the attention
that British soldiers were apt
to pay to their wives during Sapper
working hours or when the Sappers
were in high spirits. The
Sappers formerly were of
fine blankets. The work I was
put to for the men and when they were
well commanded as for instance by
Captain Winterbottom their health
and discipline were excellent. As
regards the British Officer the

is by far more favourable than
only. He will be a professional
man instead of a line officer
and will have much knowledge
in engineering. He will be an E.C.
in various under a variety of
own corps; he will be specially
in his professional services
will be reported on by the commanding
the Sappers & Executive Engineer, he will
be the opportunity of practising civil
engineering and improving himself.
Along the many years that I was
connected with the Madras Sappers I
remember one good Sapper being reported
by the Madras S.P. Officer under whom
he was working. Before I took
command of the Corps an Officer was
commanded a company and worked for

Gave as an excuse for alleged neglect
of his Company that he was too much
occupied with his 500 duties to look
after it. The matter was settled by
transferring the Officer along with the
B.R.W.

I anticipate no difficulties but
on the contrary real benefit to all
concerned from the employment of
Company in the field.

Yours very truly

W. H. Dwyer

23/5/82

If you have any papers about the
Tropics Battalion in India

13

C. A. W.

might be kept
with him in the
District of re-employment
of Soldiers who
are discharged.

15-10 1881

L. R. R.

R. R.

Plan with the original
of 195/10 2-8-82

11/82

C. No. A 384

P. W. Secretariat.

Note by Budget Section.

14

Work

Remarks and References.

*Gun Powder Factory
at Machas.*

Fund

Service Head	...	Rs.
Departmental Head	...	"
Amount of estimate	...	"
Expenditure in previous year	...	"
Allotment in current year	...	"
Balance required to complete	...	"

Total Rs. ...

Note of available funds.

In 20000 provided in Budget for Gun Powder Factory. Budget time 10/10/16. No funds under Reserve at present.

W. S. S.

Budget Officer

Note by Budget Section.

John
Zander
R. J. 10/7

4387
H. H. E. Sullivan

Draft. In Approval

In enclosed draft
of letter to the S of S was
forwarded direct to the
C. in C and has been
initialled by him.

I thus take it to be
granted that H. E.

approves of my suggestion
to submit with other
claims for an extra
Special Grant one of
Rs 12,000 to provide for
quarters for half a company
of Europeans at once at
Ostacound - under
these circumstances I
have introduced the
new para 7 and the
whole if approved by
the H. C. may be at
once submitted to the
S of S. *John*

24.7.02 *Pettit*

These papers the draft for
forwarded to the S of S.

Cur. at. 10/7

H. E. in Council - Chief
Draft by approved

16

With reference to
the note by H. E. the
C. in C. dated 8th inst.
the annexed draft
letter to the S. of I. asking
for 1 lakh under
military ^{to be added} to the current
year grant of 6,20,000
has been forwarded
chiefly to meet the
demand in Stables

By information recd.
from the military dep^t.
it would seem that
there are no boling nos.
of horses

Bangalore — 1110

Bellary — 440

Kanpete — 440

Total 1990

but the actual number
actually supplied to
Stables is not known

The design is a
standard stall
which is being prepared
in Colind Acre, but it
has not yet reached
this Office, but it
is understood that
it will take time
to send to meet H.R.
at Bangalore

This estimate with
the number of horses
to be sheltered will
admit of a fair approx-
imation being made
of the probable total
cost of the scheme.

Other demands
of an urgent character
have been included
in the letter and to
these it is thought
might fairly be
added if desired

about 12,000 or 15,000
in providing shelter
permanent or temporary
in the Company of Sappers
which after the conclusion
of the Egyptian Expedition
may be stationed at
Ootacamund

The design of the
shelter is now
being prepared to be
ready in a few days

Att

19.7.82

18
The Committee Chief
Hon H. R. Sullivan

For order

The necessity for constructing
stables not having been
foreseen when the Military
Budget was compiled
no provision was made
for them, and as the
final issue of the Budget
has been made under
sanction of the Govt, and
of two courses were remain

(1) to stop or retard
such of the Budget under
now in execution as
can with least inconvenience
be spared, and reappor-
portion the savings thus
effected to the stables

(2) to apply to the Govt
for a Special Extra Grant

In either I venture to
think would be the
most appropriate
course as it has

Recd 25/7

21/7

18
The Command in Chief
Hon H. E. Sullivan

For order

The necessity for constructing
Stables not having been
foreseen when the Military
Budget was compiled
no provision was made
for them, and as the
final issue of the Budget
has been made under
Sanction of the S. of S., and
of two courses now remain
(1) to stop or retard
such of the Budget under
now in execution as
can with least inconvenience
be spared, and reappor-
portion the savings thus
obtained to the Stables
(2) to apply to the S. of S.
for a Special Extra Grant
In either I venture to
think would be the
most appropriate
course as it has

Recd 25/7

2/7

been constantly repre-
sented that the limit
of the (Imperial) Military
Budget for this Presidency
has been fixed at so
low a figure (two
slightly better this
year than formerly)
as only to admit of
the barest necessities
being provided for.

Part of this course
be adopted it is
tempted that a strong
expression of H.E.'s
views in a special
minute will be
necessary, as the Subject
having been issued under
order of the S.P. it may
be difficult to obtain
ratification otherwise.

I hope we may be
able to design and
estimate for a pattern
stall in readiness
for sanction but as
in the addition of

a small length to
the stall and a new
verandah the whole
roofed-in space in
each cannot be made
less than 144 square
feet (outside measurements)
it is doubtful whether
even using the cheapest
materials the cost will
be less than 1 Rupee
per square foot.

Att.

7/7/82

It would be better to
go to India for a separate
pavilion in the first
instance - my letter
in the S.P. is separate
to go right to
forwarded to India,
with a strong recom-
mendation that
cheap stables should
be provided. -
Should point out how
much horse power is
the fruit of India

that it would be
economical in the
end to provide stabling,
so long as no unnecessary
expense is incurred
in the building.

8/7/82 H.R.

H.E. to Curran in Chief

For order

20

If H.E. proposes to
submit to submit a
claim to the S.D. for
an extra grant on
account of the construction
of stables at some of
the military stations of
the Province it is
manifest that oppor-
tunity might be taken
to solicit a further
extra grant on account
of the pressing necessities
shown to exist (in
the annexed file) for
the repair of the
Gun Powder factory
buildings - no Reserve
being now left in
the Mil. Budget

Att

10/7/82

been constantly repre-
sented that the limit
of the (Imperial) Military
Budget for this Presidency
has been fixed at so
low a figure (two
lakh fifty lakhs this
year from formerly)
as only to admit of
the barest necessities
being provided for.

But if this course
be adopted it is
brought that a strong
expression of H.E.'s
views in a special
minute will be
necessary, as the Budget
having been issued under
orders of the S. of I it may
be difficult to obtain
^{extra} funds otherwise.

I hope we may be
able to design and
estimate for a pattern
stable in readiness
for sanction but as
with the addition of

a small length to
the stall and a narrow
verandah the whole
roofed-in space in
each cannot be made
less than 144 square
feet (outside measurements)
it is doubtful whether
even using the cheapest
materials the cost will
be less than 1 Rupee
per square foot.

Att.

7/7/82

It would be better to
put this in a separate
paper in the first
instance - my letter
in the S. of I's report
to go might be
forwarded to India
with a strong recom-
mendation that
cheap stables should
be provided. -
Should point out how
much lower prices in
the path of India

C. A. W. 21-

The most urgent
high demand we have
now on hand is in
connection with the
repairs to the Gun
Powder Factory.
The papers on which
subject are now
at Doty.

Another paper
~~has~~ just come in
submitting an estimate
amounting to \$
4940 for repairs
the roof of the
Arsenal Fort St.
George - This file
will be sent up
tomorrow.

The accy. list
gives the more
urgent work
for which funds

Vide Chg 4387 sent -
Oct 7/7/92

have not yet been
allotted, but
none of them appear
to be very urgent.

C
17/5/82

Cost of urgent Military books requiring funds

Name of work	Amount of Estimate	Authority of sanction	Remarks
Books for School Masters and School Mistresses of British Army at Bangalore.	6,120	Est. No. 2066 of 2-12-79. Est. No. 10 Class C. book. 9/11/82. 83 Budget.	Rs 6120 approved by Sd/-y Sd/-y
Addition to Regimental School Lakshmi Prisons Bangalore	3,500	Est. No. 2155 of 31-8-81. Est. No. 10 Class C. book. 9/11/82. 83 Budget	Rs 3500 approved by Sd/-y Sd/-y
Addition to attachments to book houses Parade Barracks Bangalore.	12,500	Est. No. 1102 of 7-4-80. Est. No. 10 Class C. book. 9/11/82. 83 Budget	Rs 12500 approved by Sd/-y Sd/-y

Name of Building Amount of Estimate Remarks of the Engineer

Brought over — 16495

All archways of granaries — 127

Repairing Roads and
Drainways — } 3060

Opening a window and fixing
glass panes to the skylight
of charcoal pulverizing room } 25

Salt petre Refinery — 42

Evaporating Room — 42 B

General Stores — 42 C

Salt petre Stores — 42 X

Do — 42 Y

Do — 42 Z

Do — 42 G

Composition Weighing — 42 H

Change — 42 J

Iron & Steel Room — 42 L

Sulphur pulverizing — 42 M

Engine Room — 42 N

Machinery Stores — 20 1670

Blacksmiths Shop — 41 330

Came over — 25437

List of new works required at
the Gun Powder Factory —

Name of Building Amount of Estimate Remarks of the Inspector General of Ordnance

New Works

I Press and Granulating
Group (allotment only) 5700

I This work should be
completed. Rs 57,00 only out
of Rs 185,013 being required
for the purpose. The work
is now very nearly complete.

II Composition Mills group — 21050

II This should also be
proceeded with. The present
Composition Mills are very
nearly worn out and are
constantly under repair.
A complete new set of
machinery to replace the
old set at present in use
has arrived from England
and only awaits the erection
of the new foundry buildings
for its reception.

III. Pebble Cutting house — 9360

III. This comes next in
importance as regards the
actual present requirements
for the factory. The new
pebble cutting machine in-
tended to be put up in this
building has also been
received from England.

Total 35810

Q. M. P. Office
Head Quarters
Ordnance June 1873

More money
L. B. C.
G. A. C.

Name of Building

Amount
of
Estimate

Remarks of the
Executive Engineer

25

Bright meo	25437
Floor of Head & Sub-Quarters	} 680
Quarters	
Plastering the interior walls of	} 231
Head Quarters Quarters	
Total	26340

Quarters Office
Head Quarters
Ootacamund June 1882

John Smith
Lieut Colonel
Offg & Mr General

No. 3195 of 82

1955
1951W

Ms 3195/82

Ms 1955/82

27

QUARTERMASTER-GENERAL'S OFFICE,

Head Quarters, Ootacamund,

21st June 1882

No. 484

27

Reur - G.O. dated 26th June 1882, No. 3178.

Reur is following letter.

From

Lieut. Col. John Hoing,
Offg. QUARTERMASTER-GENERAL,

To

THE Secretary to Government,
Military Department,
Ootacamund.

SIR,

I have the honor, by order of the Com-
mander-in-Chief, to bring to the notice of
Government that, during his recent tour through
several of the Districts under his command, His
Excellency was very much struck with the want
of stabling for Government horses in Southern
India, and, being of opinion that the provision
of proper shelter for these animals will in the
end be economical, His Excellency recommends
the measure for the favorable consideration and
orders of Government.

2.

Sir Frederick Roberts is quite averse
to expensive structures being erected, such as

edict

FWC No 4383/
Military (1882) Department.
No 3243

From
The Quarter Master General,

The Secretary to Government,
Military Department
Coatacamund.

Dated 21st June.

Recd. 22nd

No 338 E of 1st July 82
No 484

Recommends, with remarks,

the provision of proper stabling for
Government Horses in Southern
India.

Approved by order of

P3
By order of the Secretary to Government,
Military Department,
Coatacamund.
No 3118

Approved and trans-
ferred to the Public
Works Dept for the
required plan, and
for information as
to what funds, if any,
are available for
the proposed work
in the current year's
budget.

By order,

Charles Col.
As Secy to Govt.

Coatacamund.
26th June 1882

22
QUARTERMASTER-GENERAL'S OFFICE,
Head Quarters
Coatacamund 19th June 1882

No 475

From

THE QUARTERMASTER-GENERAL,

To

THE Secretary to Government
Military Department.

SIR,

The generally bad condition,
amounting to decay, of the buildings
of the Gun Powder Factory having been
brought to notice, a careful inspection
of them was ordered and this has
demonstrated the absolute necessity
for the very considerable repairs noted
in list A attached. The estimated
cost of which amounts to the large
sum of Rupees 26,348.

2 Of this sum the Superintending
Engineer reports not more than Rs 6348.
Can be met from the ordinary repair
grant of the year, and it is therefore
necessary for His Excellency the
Commander in Chief to ask Govern-
ment

ment to sanction a special grant of Rs. 20,000 for the execution of the repairs in question.

3. A sum of Rs. 20,000 has been allotted for expenditure in the current year on new works in connection with improvements to the Gun Powder Factory, but the Inspector General of Ordnance considers the early execution of the works shown in list B, attached, the cost of which amounts to Rs. 35,810, to be absolutely indispensable for the reasons given.

4. Sir J. Roberts therefore submits for the consideration of Government the desirability of making the requisite addition to the Budget grant to meet this expenditure also.

5. I am to mention that in making the above recommendations the Orders of the Government of India contained in O. G. No. 1346 dated

30. P.S.
dated 24th March 1882 have not been overlooked by His Excellency the Commander-in-Chief, but he is satisfied that the efficiency of the Gun Powder Factory demands the expenditure asked for.

I have the honor to be
Sir,
Your obedient servant

Wm. May
Lieut Colonel
Offg & Mr. General

Submitting for the consideration
of Govt. the desirability of increasing
the sum to the Budget Grant for the
execution of certain works in the Gun
Powder Factory.

2. So far back as the 21st August 1878 Colonel Childers, then Superintendent of the Gun Powder Factory forwarded to the District Engineer Presidency a statement as follows of the repairs required to the buildings of the Factory, -

Office

Saltpetre refinery

Evaporating room

Engine room at refinery

General store room

Cornucopia Office

Iron store room

Coal store

Brimstone store

Timber store room (old bullock mill)

Spare machinery store (- do -)

Work shop

Engineers store room

Black smith's shop

Artillery Magazine

Breaking down house

Green charge depot Magazine

Dried Powder depot Magazine

Barrelling room

General dusting house

Press House

Drying House

Cooperage

Barrel store room

Magazine

Black depot Magazine

Granulating House

William's watch House at
attached to drying House

These houses and rooms
require replastering
internally and
externally in places.

An entire removal
of plastering with
Portland cement
preferable. Doors
and windows re-
quire painting.

Bolts of W. 4
Saltpetre stores
require removal.

All entrance
archways through
mounds require
replastering.

Evaporating room

Engine room at refinery

Iron store room

Coal House No 2

Brimstone store (old Bullock mill)

Timber store (- do -)

Spare Machinery store (- do -)

Work shop

X Gazing House

William's Watch House

attached to granulating house

These buildings
also require re-

pair of roofs

Of these buildings repairs have been executed
only to the Gazing House, the Press House, and
the Barrelling room. The dates of completion
of the repairs to these buildings being respectively
17th September 1879, 16th February 1880 and
the 23rd February 1880.

3. On the 9th September 1878, the Di-
rect Engineer wrote saying that the repairs
to the ^{Coal} shed had not been executed
for want of funds, that application for ad-
ditional funds had been made to the

Government

-verment, and that as soon as they were sanctioned
the work would be put in hand. With respect
to the remainder of the works he wrote that estimates
were under preparation. The repairs however have
not been executed and the condition of the
buildings is consequently such as described by
the Executive Engineer in the statement "A"
with enclosures received with your letter
under reply and now returned.

I have the honor to be,

Sir,

Your most obedt servant,

W. H. Lamb Colonel,

Inspector Genl of Ordnance.

P 10
Cotacamund
1st July 1882

Dy No 3195-73458 of 1882

N^o 3268

Approved
and transferred to
the Public Works Dept,
for early consideration
as to how the necessary
funds are to be
provided.

(By order)

Asst. Secy. to Govt.
Asst. Secy. to Govt.

To The Public Works Dept

Military [1882] Department.

No. 3268

From

The Inspector General of Ordnance,
Fort Saint George

To

The Secretary to Government,
Military Department.

Cotacamund

Encl. 3

DATED 29th June 1882.
RECEIVED 1st July

No. 6

Returns with remarks
correspondence regarding certain
buildings of the S. P. Fort,
which have been reported
by the Executive Engineer
to be in a state of dis-
repair.

34

QUARTERMASTER-GENERAL'S OFFICE,
Head Quarters, Cotacamund,
5th July 1882.

No. 592

From

Lieut. Col. John Living
Offg. QUARTERMASTER-GENERAL,

To

THE Secretary to Government,
Public Works Department
Cotacamund.

SIR,

With reference to S.M. G. (Military Department)
N^o 3118 dated 26th June 1882, I have the honor, by
order of the Commander-in-Chief, to enquire what
funds are likely to be available for the construction of
stables for horses this year.

2. Sir Frederick Roberts is anxious that stables
should be built this year at Rampur, Bangalore and
Bellary at Rs 70 per stall, leaving the stations of
Secunderabad and Saint Thomas Mount to be
attended to next year, and requests information whether
this can be done.

I have the honor to be,

Sir,

Yours obedient servant,

John Living

Lieut. Colonel,
Offg. Quarter Master General.

5082

Public Works (1882) Department

No.

From

The Quarter Master General

To

The Secretary to Government
Public Works Deptt.

Dated 5th July 1882
Recd. 31st July 1882

N. 592.

Inquire what funds are
likely to be available for the construction
of stables for horses this year and
states that the Comd. in Chief is
opinion that stables should be built
this year at certain stations.

No. 338. E. 1. 7. 6
Co. 3066. W. 2. 12. 79
No. 2155. W. 31. 8. 87
No. 1102. W. 7. 5. 80
Co. 1228. W. 15. 5. 82
No. 1520. W. 29. 6. 80
Co. 1505. W. 28. 6. 80
No. 1163. W. 17. 5. 80
No. 333. W. 13. 2. 80
No. 32. W. 8. 1. 80
No. 31
No. 387. E. 11. 7. 82
Co. 2977. W. 29. 6. 81
No. 1632. W. 28. 6. 82
No. 3137. W. 17. 12. 81
No. 3008. W. 3. 12. 81

Oct 10-7

36 No. 1955 W

13

PUBLIC WORKS DEPARTMENT.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

Under date the 2nd August 1882
Read the following:—

Endorsement Military Depart-
ment on letter from the Lt.
Col. Gent. No 484. of 21st June 1882

N.E. No 3118 of 26th June 1882

Endorsement Military Deptt.
on letter from Inspector Genl.
of Ordnance No 97 of 29.6.82

8268 of 1st July 1882

From Lt. Quarter General

592 of 5th July 1882.

Ordered that the
Government of India be
requested to make an
additional assignment

(N.E. No 1956 W of 2nd August 1882)

By The Military Deptt.
with copy of letter

Plt

29/8/82

39' No. 1956-
Government of Madras.

PUBLIC WORKS DEPARTMENT.

To

The Secretary to the
Government of India
Mr. Department

Obtained 2nd August 1882.

SIR,

In the orders on the
Madras Imperial Military
works Budget Estimate for
1882-83 the Govt. of India
sanctioned a grant of Rs
6,20,000 under all heads as
specified below:-

Original works	In progress	- 56,793
	Not Commenced	- 162,281

Repairs - - - - - 275,000

Establishments - - - - - 113,626

Tools and Plant - - - - - 12,580

Total 6,20,000

i.e. This sum although

in excess of the Budget Estimate (Rs 4,70,000) for 1887-82 is, I am to represent, wholly inadequate to meet the urgent requirements of troops in this Presidency.

3. The desirability of largely enhancing the grant for Military Works has already formed the subject of correspondence with the Government of India, and in this connection I am to invite attention to the papers quoted in the margin.

and to express a hope that the Govt of India will be pleased to make an additional assignment to be applied to certain specified works, the necessity for which is regarded by the Right Hon^{ble} the Governor in Council to be unquestionable.

* To Govt of India No 4 W.	3-1-80
" do -	32 W. 8-1-80
From do -	4609. 28-1-80
do - do -	1163 W. 17-5-80
From do -	376 alt. 12-6-80

38

4- His Excellency the Commander in Chief has brought to the notice of Govt. that on his recent tour through the Southern Districts he was very much struck with the want of stabling for Govt. horses in Southern India, and he is of opinion that, looking to the extent to which horses suffer in this part of India from exposure, the provision of proper shelter for these animals will in the end prove economical.

The question of an inexpensive style of stabling is now under the consideration of the Chief Engineer who will shortly submit a design for the approval of Govt. While Mr. the Commandant in Chief considers that as

arrangements should be made for erecting stalls during the Current Official Year at the three Military Stations of Namper, Bangalore and Bellary. (I may here add that the first named station is beyond the territorial limits of the Madras M^t Department.)

The stations of Secunderabad & St Thomas' Mount being left for attention next year.

5-It has also been represented by the Inspector General of Ordnance that the Gunpowder Factory Buildings at Madras are in immediate need of extensive repairs, and that the roof of the Arsenal in Fort St George requires attending to.

6-The want of a separate building as a Hospital for Regts at the Lawns.

Aug.

7 40 1817
The desirability of locating ^{at Ootacamund} a Company of the D O Sd Bn having been brought under the notice of Government by W. R. the C in C the R. H. the S in C fully concurs with the proposal, which owing to the large amount of work now in progress & the great difficulties experienced in regard to ordinary labour promises to be of essential service, and to hold out means of employing the men of the Corps in several years in a very profitable manner - At the present moment owing to the requirements of the Egyptian Expedition no Company can be spared to transfer to the hills but as it will be as well to provide quarters as soon as possible in about half a century the Government will desire to have an extra sum of Rs 12,000 assigned during the current year as

39

Asylum at Poltambund
is a further admitted
necessity. There are at
present no means of
isolating the sick, which
in a large Establishment
such as that under notice
is ^{an} essential condition,
the absence of which may
perhaps result in grave
consequences.

18

There are many other
demands of less urgency
which might well claim
attention, but H.E. the Governor
in Council is desirous of
restricting expenditure to
the lowest possible limits.
And in this view is not
disposed to ask for
a larger assignment than
one lakh of rupees to
be distributed as follows:-

Repairs to Powder Factory, Madras.	Rs 20,000
do. to roof of Arsenal at St George	5,000
Rep. Hospital Surgeon Asylum Poltambund	10,000
Housing for half a Company of 200 S.F.M.	12,000
Stables for horses at Bangalore & Bellary	15,000
Total	1,12,000

for Repairs at the

the requisite percentages
for Establishment and
Tools and Plant being
added

The Hon. H. A. Sullivan
H. B. The Com. O

I am strongly to
urge that this demand
be taken into the early
favorable consideration
of the Govt of India.

Att

19.7.82

Recd 27.10

2/8/82

sc read

11/8

Recd 20/7

27

Military Works

Military Notes —

The Govt. of India ^{ordered to be} request
to make an additional
Assignment ^{of funds} to ~~Carry~~ carry
out certain —

Requesting an additional
assignment of funds
for certain activities.