

(1) Number of pages 46 ✓

(2) Date of repair 20-10-87

(3) Initials of the Referencer [Signature]

TAMIL NADU ARCHIVES

GOVERNMENT OF TAMIL NADU

P.W. DEPARTMENT

G.O. No.	1507-W	Press.
B.P. No.		Mis.
Dated	29.5-1883	198

Not to be folded or roughly handled.

1507
1

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Military Works.

READ—the following papers:—

From Colonel H. L. PRENDERGAST, R.E., Superintending Engineer, Fifth Circle, to the Chief Engineer, Public Works Department, dated Chepauk, 12th December 1882, No. 3239.

I have the honor to submit, for orders, plans and estimates for lines and regimental buildings for the Native Cavalry Regiment at Bangalore as called for in G.O., No. 106 W., dated the 13th January 1882.

- 28 Detailed Estimates with Abstracts.
- 1 General Abstract Estimate.
- 7 Plans.
- 1 Specification.
- 1 Copy of letter from Quartermaster-General.
- 1 Original letter from the Executive Engineer, Presidency.

The opinion of His Excellency the Commander-in-Chief is conveyed in the enclosed copy of letter, No. 9550, dated

22nd November 1882, from the Quartermaster-General, and the Executive Engineer's explanation is given in his letter, No. 1-A, of the 8th instant.

2. Taking the items in the order of His Excellency's remarks, the lines in general and the Farrier's quarters are considered to be too expensive; but the whole question of hutting the Native Army is about to be submitted to the Government, and in the meantime nothing can be done in the way of revision. The Executive Engineer has taken for a general standard the lines of the 15th Regiment Native Infantry at Bangalore, but some extra space has been given to the uncovered enclosure for each house, on which account extra rent has been proposed to be taken from all ranks.

3. *Item No. 12, Regimental School.*—The building may be reduced in size and cost about Rs. 950 instead of Rs. 1,590 as designed.

Item No. 13, Forge.—This may be reduced to about Rs. 1,450 from Rs. 3,490.

There is no standard plan for Items 12, 13 or 18, and the Executive Engineer took as a guide the standard plans for British Cavalry.

Item No. 18, Gram-boiling Shed.—The estimate may be reduced from Rs. 3,065 to about Rs. 2,300.

Item No. 22, Drains.—Are subject to alteration in connection with the lines generally.

Item No. 27, Riding Schools.—Were provided in the estimate, as desired by the Military authorities, with whom the Executive Engineer was in communication.

Items Nos. 11, 17 and 28, Hospital Buildings.—Are on standard plans; the latter, the hospital itself, is on the plan for Native Infantry, there being no standard for Native Cavalry.

Item No. 19, Horse Lines.—The Executive Engineer has shown on the plan the arrangement for roofed stables being built, if required hereafter; but has estimated for only the walled-in enclosure.

4. Ten items are approved by His Excellency, but I have some observations to make upon them.

Items Nos. 10, Sick Stables; 15, Latrines; and 26, Armourer's Shop.—Are on standard plans.

Item No. 9, Water Trough.—Is not provided for in the standard statement of accommodation for troops. There are troughs for the horses of the Lancers and Artillery at Bangalore, and this provision is asked for by the Military Officers there, as well as

Item No. 14, Forage Yard, and No. 21, Granary, which are not entered in the standard statement.

Item No. 16, Wells.—Must necessarily be provided.

Item No. 23, Saddle-rooms, Place-of-Arms, &c.—The plan is taken from the standard for British Cavalry, and includes a store-room. For Native Cavalry the standard statement of accommodation provides for bells-of-arms, and the store-room is attached to the quarter-guard.

Item No. 24.—The Magazine is larger in all three dimensions than that entered in standard statement of accommodation, and the estimate may be reduced from Rs. 2,810 to about Rs. 2,400.

Item No. 25, Guard-room and Cells.—The standard accommodation is for quarter-guard and store-room, cells being separate. The Executive Engineer includes a lock-up or prisoner's room in the building, with cells attached, so as to reduce the sentry duty. But the quarter-guard room is 50 feet by 16 as compared with 28 feet by 12 on the standard list, and the estimate may probably be reduced from Rs. 4,645 to about Rs. 4,000.

ENCLOSURES.

From Lieutenant-Colonel J. EWING, Officiating Quartermaster-General, to the Superintending Engineer, Fifth Circle, dated Fort St. George, 22nd November 1882, No. 9550.

The plans and estimates for the construction of lines, &c., for the 1st Light Cavalry at Bangalore having been laid before His Excellency the Commander-in-Chief, I am desired to forward them to you with the following observations, which I am to ask may accompany them when submitted for the orders of Government.

These are a great deal too expensive, and, in the opinion of His Excellency the Commander-in-Chief, far beyond the requirements of Native Troops. The general question of hutting for the Native Army is about to be submitted for the consideration of Government, and the requirements of the 1st Light Cavalry can be disposed of in connection with this.

This seems to His Excellency to be on a rather more expensive a scale than usually accepted for such buildings, including furniture.

This provides on a too expensive and costly scale for these requirements of a Native Cavalry Regiment, which requires no more than a simple shed with two forges, the horses being shod outside.

This, too, seems on an unnecessarily expensive scale.

Most of these are wanted in connection with the men's lines, and should be considered with them.

It seems quite unnecessary to expend funds on walled-in riding schools.

These may be required hereafter, but if the Station Hospital system for Native Troops is introduced, merely a temporary detention-room and perhaps a Hospital Assistant's quarters will be all that is wanted near the lines.

Lines enclosed with good high walls are desirable at Bangalore, the wind there being high and continuous for several months in the year. The plans appear to show roofed stables, though the estimate does not provide for more than a walled enclosure.

Items Nos. 1 to 3, Lines for Men	Rs.
Item No. 20, Farrier's Quarters	1,28,410
	13,590
Total	1,42,000
Item No. 12, School	Rs.
	1,560
Item No. 13, Forge	Rs.
	3,490
Item No. 18, Grain-boiling Shed	3,065
Item No. 22, Drains	6,520
Item No. 27, Riding Schools	950
Item No. 11, Dead-house	870
Item No. 17, Hospital Assistant's Quarters	1,185
Item No. 28, Hospital	11,870
Total	13,925

Item No. 13, Horse Lines Rs. | 4,620 |

Item No. 9, Water Trough	Rs.	510
Item No. 10, Sick Stables	7,500	
Item No. 14, Forage Yard	1,170	
Item No. 15, Latrines	3,300	
Item No. 16, Wells	2,320	
Item No. 21, Granary	1,050	
Item No. 23, Saddle-rooms, Place-of-Arms, &c.	18,000	
Item No. 24, Magazine	2,810	
Item No. 25, Guard-room and Cells	4,645	
Item No. 26, Armourer's Shop	2,080	
Total	43,385	

The remaining items, as per margin, are approved. As by the opening of next official year, before which it is presumed no funds can be made available, the regiment will have been almost two years at Bangalore. His Excellency the Commander-in-Chief trusts that a special grant of funds may be sanctioned, so that the execution of the several buildings absolutely required for the permanent accommodation of the regiment may be pushed on rapidly.

From Lieutenant-Colonel W. H. BURTON, R.E., Executive Engineer, Presidency Division, to the Superintending Engineer, Fifth Circle, dated Chopauk, 8th December 1882, No. 1-A.

Your No. 3091, dated 30th November 1882, enclosing Quartermaster-General's letter, No. 9550, dated 22nd November 1882, and other papers connected with the Native Cavalry Lines estimate.

I have the honor to state my instructions were (vide G.O., No. 106 W., dated 13th January 1882) to prepare estimates for lines for 1st Light Cavalry "in communication with the Military authorities," that is, so far as I could act, in communication with the Assistant Quartermaster-General, Bangalore, and the Officer Commanding 1st Regiment Light Cavalry. Also, it was of course necessary for me to observe the correspondence printed in conjunction with the above Government Order. In this I find mentioned as required, &c., "Hutting lines, horse lines, saddle-room, place-of-arms, hospital, &c. All that is required will have to be built. Men's lines to be substantially built, Proceedings of Government, No. 3123, dated 10th June 1881; houses of Native Officers to be separated from those of the men, a little distance from them. All the Non-commissioned Officers to have a house each, three-fourths of the privates to have a house each, one-fourth of the privates to live in barracks; lines" (i.e., I presume above buildings) "will have to be raised, drained, good roads made" (i.e., I presumed between the lines) "buildings safe from fire, not to be damp, and must meet the requirements of sanitation."

All which instructions were sufficiently ample and definite, if the plans and estimate, prepared in accordance therewith, were not to be criticised by the light of some other directions not indicated to me before the date of my submitting these plans and estimates.

However, all the plans and estimates have been compared and criticised with so-called standard plans, and which I was not told to follow.

Items 1 to 8.—My instructions did not, I admit, in so many set words say I was to "design and estimate according to the 15th Native Infantry Lines" at this station; but the tenor of the accompaniment to G.O., No. 106 W., dated 13th January 1882, and Proceedings of Government, No. 3123, dated 10th June 1881, led me to be quite sure that the new buildings required here were to be generally similar to those of the 15th Native Infantry Lines; and had I designed buildings essentially different, therefore, I could not have obtained the Lieutenant-General's approval to them.

	Are designed.	15th Native Infantry Lines being.
	I.	II.
Subadar's house (less)	40 x 12 = 480	13 x 37 = 481
Jemadar (more)	30 x 12 = 360	13 x 27 = 351
Havildar (more)	20 x 12 = 240	13 x 17 = 221
Houses for Naigue (less)	16 x 12 = 192	13 x 15 = 195
Private (the same)	13 x 12 = 156	13 x 12 = 156

The small extra spaces thus given to Jemadars and Havildars, and the extra spaces in the courtyards to all ranks, involving no roofing, was, I submit, in accordance with the requirements as told me by the local Military authorities, and compensated for by a slight decrease by monthly rental, extra to that proposed in G.O., No. 3123, dated 10th June 1881, viz., the Officer Commanding 1st Light Cavalry proposed distinctly, with a view to obtaining extra space in the courtyards—

4. A further saving of Rs. 13,363 is practicable should the old materials from the Arsenal in the Fort be made available. This will depend on the decision which may be arrived at in regard to the abandonment of the Bangalore Fort. The matter will be considered in the Military Department with reference to the orders quoted in the margin, and early orders passed.

G.O., No. 2648 W., dated 11th Oct. 1882.
" " 3181 W., " 4th Dec. "

5. The Executive Engineer will lose no time in submitting, for the sanction of the Government of India, a revised project based on the instructions now issued, after discussing the details with the Military authorities concerned.

6. The labor of the sepoy should be utilized in the construction of the lines to the extent contemplated by His Excellency the Commander-in-Chief in the scheme for housing Native Troops which has lately received the approval of the Government of India.

(True Extract.)

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

To the Superintending Engineer, Fifth Circle, with fifty-seven Enclosures.
" Military Department.

Exd. A. F. Goodall.
Spare Copies

BUILDINGS AND ROADS.
MILITARY WORKS.

Govt. of (1883) Madras.

PUBLIC WORKS.

Dated May, 29th.

Recd.

Encl.

G.O., 29th May 1883, No. 1507 W.

MAY.

Buildings occupied by the 1st
Light Cavalry at Bangalore

Passing orders declining to purchase the —.

Read the following papers:

N^o. 3239.

Superintendent Engineer
5 Circle. Bangalore.
12th December 1882.

From

The Superintending Engineer
5 Circle.

To.

The Chief Engineer
D.P.W.

Sir

Encl. 39.

28th Dec. 1882
Circulars

1 General Order
Circular

1 Plan.

1 Specimen

1 Copy of letter from
Mr. C. H. L.

1 orig. letter from
Mr. E. C. P. P.

I have the honor to submit
for orders, plans, and estimates
for Lines & Regimental buildings
for the Madras Cavalry Regiment
at Bangalore as called for in
G. O. N^o. 1001 dated the 13 January
1882.

The opinion of His Excellency the
Commander in Chief is con-
veyed in the enclosed copy of letter
N^o. 9500 dated 22nd November 1882 from
the Quarter Master General, and
the Executive Engineer's expla-
nation is given in his letter N^o. 4
of

of the 8th Infantry.

2. Taking the items in the order of His Excellency's remarks, the Lines in general and the Garrison Quarters, are considered to be too expensive but the whole question of building the Native Army is about to be submitted to the Government: and in the meantime nothing can be done in the way of revision. The Executive Engineer has taken for a general standard the Lines of the 15th Regiment Native Infantry at Bangalore, but some extra space has been given to the uncovered enclosures for each house; on which account, extra rent has been proposed to be taken from all ranks.

3. Item No. 12. Regimental School. The building may

may be reduced in size and cost about Rs 950 instead of Rupees 1590 as designed. 150/2
Item No. 13 Forge. This may be reduced to about Rs 1450 from Rupees 3490.

There is no standard plan for items 12, 13 or 18, and the Executive Engineer took as a guide the standard plans for British Cavalry.

Item No. 18. Granary building. The estimate may be reduced from Rs 3065 to about Rs 2300.
Item No. 22. Drains are subject to alterations in connection with the Lines generally.

Item No. 27. Riding Schools were provided in the estimate, as desired by the Military authorities with whom the Executive Engineer was in communication.

Item 1

Item No. 11. 17 & 28. Hospital
Buildings are on Standard plans,
the latter the Hospital itself is
on the plan for Native Infantry,
there being no Standard for Na-
tive Cavalry.

Item No. 19. Horse Lined. The
Executive Engineer has shown on
the plan, the arrangement for
Roofed Stables being built,
if required hereafter; but
has estimated for only the walling
- in enclosure.

Item No. 20. Sick Stables, 15 Latrines
and 26 Armourers Shop are on
Standard plans.

Item No. 9. Water troughs is
not provided for in the Standard
Statement of accommodation for
troops

troops. There are troughs for the
horses of the Lancers and Artillery
at Bangalore, and this provision
is asked for by the Military Officers
there, as well as,

Item No. 14. Forge yard &
No. 21 Granary which are not
entered in the Standard State-
ment.

Item No. 16 Wells must necessarily
be provided.

Item No. 23 Saddle Rooms &
Place of Arms &c. The plan
is taken from the Standard
for British Cavalry and includes
a Store room. For Native Cavalry
the Standard Statement of ac-
commodation provides for
Bells of Arms, and the Store
Room is attached to the Quarter
guard.

Item No. 24. The Magazine
is

$$\frac{1307}{8}$$

112 4000
I have the honor to be
Your Most Obedt^t Serv^t
New Bedford June 25th 1846.
Superint^d Cong^l 56 circle

GO. 106 W. 13-1-82
" 2014 W - 16-8-81

N^o. 3239

From

The Sup^d Engr^s
To 5 Corps -

The Chief Engr^s
D. F. W.

Date 12th Decemb.
Recd 1882.

Encl. 39.

Lines & Regiments
Buildings for the
Native Cavalry
Regt at Bangalore.

Submits for orders
plans & estimates for —

h. p. 161 of 83

N^o. 9550.

From

The Quarter Master General

To.

The Superintending Engineer
Mysore.

At

Chopank

The plans and estimates for the
construction of lines for the 1st Light
Cavalry at Bangalore having been
laid before His Excellency the Com-
mander-in-Chief, I am ple-
ased to forward them to you with
the following observations which I
am to ask may accompany them
when submitted for the orders of Go-
vernment.

Items 1 to 8 Lines for 1st Regt Rs 128,400

Item 20 Barracks Quarters. 13,590

Rs 142,000

There are a great
deal to be expended,
paid in the opinion

of His Excellency the Commander-in-Chief
far beyond the requirements of Native
Troops. The general question of housing
for the Native army is about to be submitted
for the consideration of Govern-
ment and the requirements of the

1 Light Cavalry can be disposed
of in connection with this-

Item No. 12. School Rs 1590. This
seems to His Excellency to be on a
rather more expensive scale than
usually accepted for such build-
ings including furniture.

Item No. 13. Forge Rs 3490. This
provides on a too extensive and
costly scale for these requirements
of a Native Cavalry Regiment
which requires no more than a
simple shed with 2 forges, the
horses being shed outside.

Item No. 18 Gram boiling shed Rs 3065. This
to seem to be an unnecessarily ex-
pensive scale.

Item No. 22 Drains Rs 6520. Most
of these are wanted in connection
with the main line & and should
be considered with them.

Item No. 27 Riding schools Rs 930. It
seems quite unnecessary to expend
funds on walled-in riding schools.

Item No. 11 Dead House Rs 870. These may
Item No. 17 Hospital & Quarters 1185 be required
" 28 - Hospital 11870 hereafter but
if the Station
hospital system

for Native Troops is introduced merely
a temporary detention room and
perhaps a Hospital & Ambulance Quarters
will be all that is wanted near the
Line.

Item No. 19 Horse Lines Rs 4620. Lines are
closed with good high walls are de-
scribed at Bangalore, the wind there
being high & continuous for several months
in the year. The plans appear to
show roofed stables though the esti-
mate does not provide for more than
a walled enclosure.

Item No. 9 Water Trough	Rs 510	The
10 Sick Stables	7500	remain
14 Forage yard	1170	ing
15 Latrines	3300	rooms
16 Wells	2320	as per
21 Granary	1050	margin
23 Saddle room & Placing room	Rs 1800	are
24 Magazine	2870	appro-
25 Guard room & cells	4645	and
26 Armourers shop	2080	
	<u>Rs 43385</u>	

As by the opening of next official year before which it is presumed no funds can be made available, the Regiment will have been almost two years at Bangalore the Executive the Commander-in-Chief trusts that a special grant of funds may be sanctioned so that the execution of the several buildings absolutely required for the permanent accommodation of the Regiment may be pushed on rapidly.

I have the honor
To be Sir J. S. L. & Co. Major
offg Dy Dir Genl, General.

Spec. Copy

Newspaper & Call. P. C.

Sup. Eng.

Ch. vial

No. A
1

Public Works Offices,

MADRAS,

Chepauk, 8th Decr 1882.

FROM

THE EXECUTIVE ENGINEER,

PRESIDENCY,

TO

The Superintending Engineer
& Circle.

Enclosures.

1 Copy of
Letter

1 Statement

28 Estimates
and History

1 Specification

1 G. O. Abstract

8 Plans

Sir,

Your No. 3091 dt. 30 November 1882, enclosing Quarter Master General's letter No. 9550 dt. 22 November 1882 and other papers connected with the Native Cavalry Lines estimate.

I have the honor to state my instructions were (vide G.O. 1064 dt. 13 Jan'y 1882) to prepare estimates for Lines for 1st Light Cavalry "in communication with the Military authorities", that is, so far as I could act, in communication with the Asst. Qr. M^r General, Bangalore, & the Officer Commanding 1st Regiment Light Cavalry. Also, it was of course necessary for me to observe the same

proceedence

correspondence printed in conjunction
with the above G.O. In this, I
find mentioned as required &c:

"Hutting Lines, Horse Lines, Saddle
Room, Place of Arms, Hospital &c:

"All that is required will have to
be built, Men's Lines to be sub-
stantially built, P.G. 3123 d. 10. 6. 81,

"houses of native Officers to be se-
parated from those of the men," a
"little distance from them. All the
"Non Commissioned Officers to have a house
"each, $\frac{3}{4}$ of the privates to have a
"house each, $\frac{1}{4}$ of the privates to
"live in Barracks, Lines" (i.e. I pre-
sume "above buildings") will have to
be raised, drained, good roads
made, (i.e. I presumed between the
lines) buildings safe from fire, not
to be damp, and must ^{not} require
"measures of sanitation."

All which instructions were
sufficiently ample and definite, if
the plans and estimate prepared
in accordance therewith, were not
to

to be criticised by the light of some
other directions not indicated to me
before the date of my submitting these
plans and estimates. 1507

However all the plans and estimates
have been compared and criticised
with so called standard plans and
which I was ^{not} told ~~not~~ to follow.

Items 1 to 8. My instructions did not,
I admit, in so many set words say,
I was to "design and estimate accord-
ing to the XVth N.I. Lines" at this
station, but the tenor of the accompani-
ment to G.O. 106 W d. 13 Jan'y 1882 and
P.G. 3123 d. 10 June 1881 led me to be
quite sure that the new buildings re-
quired here were to be generally
similar to those of the XVth N.I. Lines.
I had I designed buildings essentially different there-
fore I could not have obtained the Lt. Genl's approval as they
are designed. XV N.I. Lines
being

I		II	
Subahdars house (less)	$40 \times 12 = 480$	$13 \times 37 = 481$	
Jamadar, (more)	$30 \times 12 = 360$	$13 \times 27 = 351$	
Katiedar, (more)	$20 \times 12 = 240$	$13 \times 17 = 221$	

as for ^I are designed
 aigue, less - $16 \times 12 = 192$
 Private the same $13 \times 12 = 156$

XV. A. J. L. being
 $13 \times 15 = 195$
 $13 \times 12 = 156$

small extra spaces thus given to
 Jemadars and Havildars and the
 extra spaces in the court yards ^{to all ranks} in-
 volving no roofing was I submit in
 accordance with the requirements asked for by the local military authorities &
 compensated for by a slight decrease

by a monthly rental, extra to that
 proposed in G.O. No. 3103 of 10 June
 1887, viz: to the Commanding 1st

Light Cavalry proposed distinctly
 with a view to obtaining extra space in the court yards
 that his Subadar Major should pay Rs. 7 in lieu of

Subadars	"	5	"	Rs. 4
Jemadars	"	3	"	Rs. 12
Havildars	"	1	"	Rs. 12
Aigues	"	1/12	"	Rs. 12
Privates	"	1/3	"	Rs. 12

which rates represent, as regards ^{annual} rent
 for these buildings a capital sum of
 Rs. 40,000 @ 4 per cent per annum

Item 28. As to the width of the
 Hospital; it is designed 20' wide
 in

in accordance with the latest design
 Lieut. Talwar could obtain, viz: the
 plan approved by the Chief Engineer
 Madras, 3^d August 1871.

Item 23. The plan followed was
 certainly that for European Cavalry
 being more suitable to requirements
 than the plan for Bells of Arms for
 Native Infantry. We have no
 plans for Native Cavalry Saddle
 and Store room. Hence plans of
 European Cavalry Saddle Rooms
 was adopted ^{for the} for the st. of horses
 in the N. Regiment of Cavalry & designed separately
 as required by the local military authorities
 The Cells were shown attached
 to the Guard Room, at the re-
 quest of the Military authorities
 at the Station in order to ob-
 viate the necessity of an extra
 sentry.

Item 72, viz: a Regimental School.
 The plan adopted is for a School
 for 100 pupils - the No. of students

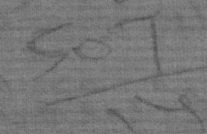
ing 110. If the building be reduced to one suitable for say 60 students, its probable cost will be Rs 950.

Item 13. vizt a Forge - there is no standard plan available for Native Cavalry ^{therefore} that for European Cavalry was adopted. It may be reduced without sacrifice to efficiency, and if so would probably cost Rs 1,450.

Item 18. vizt a grain boiling shed. No standard plan is available, therefore the shed for the European Cavalry required at this Station was adopted, it may be reduced to one of less size and would then probably cost Rs 2,300.

Item No. 27. Provision was made for this solely because ^{the} Quarter Master

Local Military authorities require Quarter General asked for it.

Item 19. Stables are shown in the plan in lieu of horse lines for the following reasons - 

Quarter Master General's letter No. 8772 dt. 21. 12. 81 clearly indicated "horse lined", as portions of the buildings to be estimated for. This instruction was adhered to exactly, but the Commanding wished it to be shown ^{how} that stables could be conveniently built ^{on the site} at a future date. I did not include the cost in the estimate for the above reasons alone.

The estimate, I submit, is not affected by the Asst. Surg. thus shewing where stables could be built at some future date.

Item 9, 14, 21, vizt. water trough forage yard and granary were included in my estimate.

being strictly in accordance with my instructions which were "all which is necessary will have to be built" - they were, in the opinion of the local military authorities, necessary, consequently, even if I differed from these authorities as to the necessity, I felt bound to include them.

As to the estimated cost of the whole: this is of course the quantities multiplied by the rates - the rates are those now

prevailing in Bangalore - the quantities I hope I have sufficiently accounted for.

I expect, but I am not certain however, upon a considerable no. of the buildings of this class of work viz. "mud" and "stone in clay" ^{walls} being ordered for execution, that, upon tenders being called for, the ultimate cost will be found to range from 2 to perhaps

perhaps $12\frac{1}{2}$ per cent below the estimated rates. ~~85/5~~

As regards the unexpectedly large cost of the whole, I would state that the addition to the cost yards of each rank involves an addition of walls of 9 feet each + 26×9 for the whole regiment, or an additional cost of less than Rs 4,000 for which Govt will obtain buildings of much greater rental value as before explained. But a reduction of about Rs 2,000 can be made by substituting for brick in clay, or stone in clay ^{walls not in foundation} + ^{plaster} work: "burnt brick in clay" was provided for in all outside walls to avoid in these buildings the frequent necessity experienced in the ^{of} A.S. Lines of repairing the pipe work.

Shares &c

W H Meston

Lt Col R.R.

Executive Engineer S. P. P. P.

P. S. I return herewith the plans &
Estimates & if the proposals regarding the
reduction of size alterations to certain
of the Buildings are approved request
the Estimates relating thereto may be
sent back to me for the preparation
of detail Estimates.

80.7
18

Copy 5275
8-12-83

Sub 3
12-12-83

Received
Print

CHEPAUK, P13
10 January 1883
507

No. 75C
MEMORANDUM.

Letter from the Suptg Engineer Fifth Circle No 3239 of 12 December 1882 with enclosures -

Referred, through the Military Department, for the opinion of His High the Commander-in-Chief, whether the estimates &c should at once be revised with reference to the enclosed letters from the Quarter Master General and the Suptg Engineer, or whether the matter should await a decision on the general question of limiting the Native Army.

2. In the papers recorded in G.O. No 1066 dated 13 January 1882, the question of providing lines for the T.L.C. at Bangalore was put forward as urgent.

(By Order.)

Ch. Srinivas
Capt
Lieut. Colonel, R.E.,

Ag. Under Secretary to Government, P.W.D.

To
The Military Department with papers in original, & returned

FROM
THE SECY. TO GOVERNMENT
TO
THE *Military Dept*
Dated *10th Jan'y*

1507
18

Former papers.

MILITARY (1883) DEPARTMENT.

No. 161

From

THE

P. W. Dept

No. 75-C.

Dated 10 Jan.

Recd. 11

Registered

ENCLOSURES. 68

P. G., No. , dated

(8 Plans)

Calling for the
opinion of H. E. the
Comr. in Chief on
the subject of erecting
lines & rect. buildings
for the native lav.
at Bangalore.

No.

QUARTERMASTER-GENERAL'S OFFICE,

Mad. Quarters

Cotacamund 14 April 1883.

No. 97

From

THE QUARTERMASTER-GENERAL,

To

THE

Secretary to Government

Military Department.

SIR,

In returning the Reference order from
Government N^o. 200 dated 10 January 1883
with plans and estimates secured therewith,
I have the honor, by order, to state that in
a separate reference from the Secretary to
Government, Public Works Department, in
his Memo. no. 183 C dated 24 March 1883,
relating to Budget grants for Military
Works, His Excellency the Commander-in-
Chief has recommended to Government that
the Buildings at present in occupation
of the Light Cavalry Regiment at Bangalore
be purchased by Government (the matter
of purchase being treated confidentially)
for which a sum of Rs. 15,000 was pro-
posed in the Budget List.

2.

The question of

the Regiment will be taken up separately.

I have the honor to be

Tr
Your obedient servant

Wesleyward M. Colmel
Off. Quarter Master General

* Please to come after the 1st of the month and
with the same. Please to be in the
presence of the General.

* Will be forwarded
hereafter.

A. L.

2nd and 10th

507
20

712
No. 2215

Transferred to the
Public Works Dept
and the referred
papers returned.
/By order/
Chauhan Sol.
Secy to Govt.

Atacamm d
16 April 83

B. No 2648. H 11.10.82
A. 3181. H 4.12.82
A. 1183. H 20.4.83

on 1/5-Recd 29/5.
on 2.5
on 19/5- H 13/5-

~~Capt. D. A. 18 4 1883.~~
Mily 1883 Deptt.
No. 2222

From P. W. (No 3369)
The Comm. General
To The Secy to Govt. Mad

Df 14 April
Recd 20-4-83
No. 97

Enclosure

Returns with remarks
plans & estimate for the
erection of new & improvement
barracks for the Native
Cavalry Regiment at Bangalore

Transferred

~~Summons~~
No. 1507W I.W. Department
Proceedings of the Madras Government
Under date the 29th Mily 83
Read the following.

Letter from the S.E. Fifth Circle (H.E. No 3239 of 12th December 1882)
do from the Quartermaster General (H.E. No 97 of 14th April 1883)
Endorsement thereon in the Military
Department. H.E. No 1115 of 16th April 1883

g15
+ this note in
Confidential
at present

Under the circumstances
Explained by the Chief Engineer
I.W. Department, after personal
inspection, the Government
are not prepared to purchase
the buildings at present
occupied by the Light
Cavalry Regiment at Bangalore
2. The Chief Engineer proposes
the erection of new lines, the
general arrangement of which

is exhibited on a sketch
which has also been ^{separately} approved
by the Officer Commanding.

The proposals are sanctioned,
subject to such alteration
of details as may, on further
examination, be found necessary.

3. From a rough statement
which has been prepared
by the Executive Engineer, it
would appear that, omitting
certain items considered
unnecessary by His Excellency
the Commander-in-Chief,
and reducing the cost of the
(to the standard lately approved)
Sepoy's Huts, and other
buildings, the total cost
for accommodating the
Regiment may be brought
down from Rs 1,42,000 to
about Rs 67,464⁵⁰⁰.

4. A further saving of
Rs 13,363, is practicable should
the old materials from the
Arsenal in the Fort be
made available. This will
depend on the decision which
may be arrived at in
regard to the abandonment
of the Bangalore Fort. The
matter will be considered
in the Military Department
with reference to the order
quoted in the margin, and
early orders passed.

5. The Executive Engineer
will ~~not~~ lose no time in
submitting for the sanction
of the Government of
India a revised project
based on the instructions
now issued - after discussing

507
✓

* G.O. No 2648 W of 11th Oct. 1882.
" 3181 W of 14th Dec. 1882

the details with the
Military Authorities concerned.

6. The labor of the
Sepoys should be utilized
~~as far as possible~~ in the
construction of the lines
to the extent contemplated
by H.E. the C in C in the
Scheme for housing native
troops which has lately
received the approval
of the G.O.

Attt

23.5.83

1
Supty Eng^r 15th Corps with
57 ~~of~~ enclosures and
2 statements & plans
of 17th May 1883
Military Department 15th
109.125
5/6

+ Printed & signed
and dated
at the
Head

L.S.
& Co.

1507
222

2469
8544 7/12

Govt. of (1883) Madras.

PUBLIC WORKS.

Dated

31/5/83

Recd.

Encl.

G. O., 29th May 1883, No. 1504/10

Nos.

Buildings occupied by the
1st Light Cavalry at Bangalore

Pressing orders de-
clining to purchase the

10/20/83