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TAMIL NADU ARCHIVES

GOVERNMENT OF TAMIL NADU

F.O.D. DEPARTMENT

G.O. No.	<i>H7 W.</i>	Press.
B.P. No.		Mis.
Dated	<i>10 - 1 - 1884.</i>	<i>197</i>

Not to be folded or roughly handled

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GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Military Works.

READ—the following papers:—

From Colonel H. L. PRENDERGAST, R.E., Superintending Engineer, V Circle, to the Chief Engineer, Public Works Department, dated Chepāk, 5th November 1883, No. 2778.

With reference to G.Os., Nos. 1507 W. and 1935 W., dated 29th May and 11th July 1883, I have the honor to submit revised plans and estimates, amounting to Rs. 25,100, for buildings for a regiment of native cavalry at Bangalore, viz.:—

5 Plans. | 1 Report.
10 Estimates. | 2 General abstracts.

	RS.
Regimental school	1,715
Sick stables	5,800
Saddle-rooms, place of arms, with armourer's shop	7,165
Magazine	2,750
Guard-room and cells	3,540
Drains	2,125
Water-trough	510
Wells	2,320
Roads and culverts	1,823
Removing debris and levelling... ..	1,452
Planting trees	400
	29,600
Deduct value of old materials to be obtained from the fort	4,500
	Amount of estimate ... 25,100

2. The estimates have been reduced for the following buildings, viz., sick stables, saddle-rooms, place of arms with armourer's shop, magazines, guard-room and cells; some drains and several buildings originally provided for are now omitted, viz., lines for horses, farrier's quarters, forge, gram boiling shed, riding school, hospital, hospital assistant's quarters, dead-house, granary, latrine, forage yard.

3. It is to be observed that a deduction is made of Rs. 4,500 for old materials to be obtained by dismantling the arsenal in the fort. This subject is referred to in G.O., No. 1935 W., of the 11th July 1883, as about to be dealt with in a separate communication. The project for new ordnance buildings in a defensive post at Agram has been sanctioned in G.O., No. 3060 W., dated 30th October 1883, and the construction of these buildings will be carried out before the arsenal in the fort is abandoned. The materials of the arsenal will then be available for the cavalry buildings.

From the same officer, dated Chepāk, 15th December 1883, No. 3295.

In returning the plans and estimates for cavalry buildings at Bangalore sent

- 1 File containing five tracings.
- 9 Detailed estimates.
- 10 Abstract „
- 2 General abstracts.
- 1 Report.

with your letter, No. 2194 C., dated 13th ultimo, I have the honor to state that good coursed rubble stone in mortar with bond stones at intervals of 4 feet apart in each course is estimated to cost Rs. 20-5 per 100 cubic feet. It was considered

that masonry of inferior quality and cheaper to build would not be suitable for the walls, some of which are 18 feet in height. Hence, if stone 18 inches thick be used instead of brick, the cost will be increased by Rs. 308 as shown below but the stone walls will certainly be preferable to brick and plaster—

Brick in Chunam.		Coursed Rubble Stone.	
	RS.		RS.
Foundation stone in chunam 10,901 cubic feet at Rs. 12-8-0 per 100 cubic feet	1,361	Foundation stone in chunam, 14,536 cubic feet at Rs. 12-8-0	1,817
Brickwork above, 20,464 cubic feet at 25 per 100 cubic feet	5,117	Stone walls 18 inches thick, 26,311 at Rs. 20-5-0	5,344
Plastering 353-43 at Rs. 2-5-0	817	Pointing 353-43 at Rs. 1-4-0	442
	7,295		7,603
			7,295
		Excess ...	308

2. A coupled roof was designed because there are couples obtainable from the old infantry barracks (in the fort) which are to be demolished. A deduction of Rs. 4,500 is made from the estimate of Rs. 29,737 on account of these old materials, and a width of 18 feet has been given to the buildings, because the old buildings from which the couples are to be taken are 18 feet wide.

3. Provision is made for a lightning conductor for the magazine.

No. 2569 C., Public Works.

Submitted for the approval of Government in the Military Department.

(By Order.)

(Signed) C. BOWEN, Major, R.E.,
Deputy Chief Engineer, P.W.D.

19th December 1883.

No. 6911, Military.

Approved.

(By Order.)

FORT ST. GEORGE,
24th December 1883.

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

ORDER—dated 10th January 1884, No. 47 W., Public Works.

The estimate, amounting to Rs. 25,237, for constructing public buildings for a regiment of native cavalry at Bangalore, is sanctioned.

2. A sum of Rs. 25,000 has been provided for the work in the Imperial Military budget for 1884-85.

3. The desirableness of substituting stone masonry for brick work in the walls of the various buildings should again be considered by the Superintending Engineer, who

has, it is thought, over-estimated the cost of the former, and is himself of opinion that stone walls would certainly be preferable to brick and plaster.

4. This sanction has been registered as Imperial Ordinary No. 54 W. of 1883-84, and classified as Military Original Works.

(True Extract.)

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

To the Superintending Engineer, V Circle, with thirteen enclosures.
" Examiner, Public Works Accounts, with general abstract estimate.
" Military Department.

Exd. E. Fernandez.
Spare Copies

BUILDINGS AND ROADS.
MILITARY WORKS.

Govt. of (1884) Madras
PUBLIC WORKS.

Dated January, 10th.

Recd.

Encl.

G.O., 10th Jan. 1884, No. 47 W.

JANUARY.

Native Cavalry at Bangalore

Estimate, amounting to Rs. 25,237, for
constructing public buildings for a regiment
of —, sanctioned with remarks.

W1 Superintending Engrs Office
N^o. 2778 5th Circle - Bangalore
5th November 1883.

From

The Superintending Engineer
5th Circle.

To
The Chief Engineer
P. & D.

With reference to G.O. N^o.

1507 & dated 1935 & dated 29th May
and 11th July 1883, I have the honor
to submit revised Plans and Es-
timates amounting to Rs. 25,100 for
buildings for a Regiment of
Native Cavalry at Bangalore.

viz.

Regimental School	1550
Sick Stables	1715
Saddle Rooms place of arms	5430
with Armourers Shop	5800
Magazine	4225
Guard Room & Cells	4165
Drains	3060
	2750
	3540
	2125

Enclosures - 18
5 Plans
10 Estimates
1 Report
2 G.O. abstract.

10/10/1883
10/10/1883
10/10/1883

Water trough ——— ⁴⁹⁰
(510)

Wells ——— 2320

Roads & Culverts ——— ¹⁸⁴⁵
(1823)

Removing debris & leveling ——— 1452.

Planting trees ——— 400.

29600 — 29,737

Deduct Value of old materials
to be obtained from the Fort. } — 4500

Amount of Estimate. 25100 — 25,237

2. The Estimates have been
reduced for the following build-
ings viz

Sick Stables, Saddle rooms,
Place of Arms with Armourers
Shop, Magazines, Guard room
& cells; ^{and} Drains, and several
buildings originally provided
for are now omitted.

viz
Lines for horses, Carriers
quarters, Forge, grain boil-
ing Shed, Riding School,
Hospital, Hospital Assistants
Quarters

Quarters, Dead ⁴⁷ House, gra-
-nary, Latrine, Storage yard.
3. It is to be observed
that a deduction is made
of Rupees 4500 for old
materials to be obtained
by dismantling the Arse-
-nal in the Fort. This sub-
-ject is referred to, in G. O.
No. 1935 of the 11th July 1883,
as about to be dealt with
in a separate communi-
-cation. The Project
for new Ordnance build-
-ings in a defensive post
at Agram, has been sanc-
-tioned in G. O. No. 3060
dated 30th October 1883,
and the construction of
these buildings will be car-
-ried

3
H9
#5

carried out, before the Ar=
=senal in the Fort is aban=
=doned. The materials of
the Arsenal will then be
available for the Cavalry
Buildings.

I have the honor to be
Sir
Your Most Obedt Serv^t
Wm Sandercock Col^l R.E.

Superint^d of Engineers
to Circle

From

THE SUPERINTENDING ENGINEER,

5TH CIRCLE,

To

THE

Chief Engineer
P.W.D.

No 2194 Cay 13-11-83

Dated

5

Recd.

6

November 1883.

ENCLOSURES.

14
+ 8 (1 each of plans)

No. 2778.

Native Cavalry at
Bangalore - Submitting
revised plans & estimates
for constructing buildings
for a Regiment of -

Sy h: 7350-11-83

Endorsed

No. 3295

SUPERINTENDING ENGINEER'S OFFICE,

5TH CIRCLE, MADRAS,

Chépaux, 15th November 1883.

From

THE SUPERINTENDING ENGINEER,

5TH CIRCLE,

To

THE

Chief Engineer
P.W.D.

SIR,

Enclosures. (23)

File containing
5 drawings.
Detailed Estimate
Abstract - do -
General abstract.
Report.

In returning the Plans and
Estimates for Cavalry Buildings
at Bangalore, submitted your
letter N^o. 2194, dated 13th Ultimo, I
have the honor to state that good
poured rubble stone in mortar with
bond stones at intervals of 4 feet apart
in each course, is estimated to cost
Rs. 20-5- per 100 cub. ft. It was
considered that masonry of inferior
quality, and cheaper to build, would
not be suitable for the walls: some

of which, are 18 feet in height.
 Hence if Stone 18 inch thick be used instead of brick, the cost will be increased by Rs 308 as shown below, but the Stone walls will certainly be preferable to brick and plaster.

Brick in Chumam.		Expanded Rubble Stone	
Foundation Stone in Chumam 10980 ft. at 12-8- per 100 cft.	Rs 1361	Foundation Stone in Chumam 4536 ft. at 12-8- per 100 cft.	Rs 1817
Brickwork above 20664 ft. @ 2-5 per 100 cft.	517	Stone walls 18" thick 2634 ft. @ 20-5- per 100 cft.	5344
Plastering 353.43 ft. @ 2-5- per 100 cft.	817	Painting 353.43 ft. @ 1-4- per 100 cft.	442
	7295		7603
		Excess	308

2. A coupled roof was designed because there are coupled obtainable from the old Infantry Barracks in the Fort, which are to be demolished. A deduction of Rs 4500 is made from the estimate of Rs 29,734 on account of these old materials and a width of 18 feet has been given

to the buildings, because the old buildings from which the coupled are to be taken are 18 feet wide.

3. Provision is made for a Lightning Conductor for the Magazine.

I have the honor to be
 Sir
 Your Most Obedt Servt
 Andrew J. J. R. C.
 Superintendent
 of the Circle

Curr 97509 11245 483

July 1883 D.
From *to 7/3/83*
THE SUPERINTENDING ENGINEER,
5TH CIRCLE.

No 2569C of 19th December 83.

Submitted for
the approval of Govt
in the Military Department.

(Proposed)

C. H. H. H. H.
main R.
Exch. over P.W.D.

To
The Chief Engineer,
P.W. Dept.

Dated 15th December 1883.
Recd.

ENCLOSURES. 28.

In 6911

Approved

William Colman
Secy to Govt.

No. 3295.
Cavalry Buildings
at Bangalore.

Returns with ex-
planations plans and
estimates for

24.12.83

Mr. P.W.D.
with extracts of plans

Enclosed

C. No. 11595.

P. W. Secretariat.

Note by Budget Section.

47/8

Work

Remarks and References.

Accommodation for a
Regiment of Native Cavalry
at Bangalore

Fund	Imperial
Service Head	Military
Departmental Head	Original Works
Amount of estimate	Rs 25234
Expenditure in previous year	" 4
Allotment in current year	" 1
Balance required to complete	" 25234

Total Rs.

Note of available funds.

Rs 25,000 is provided for this
work in the Imperial Military Works
budget estimate for 1886-85.

Imperial
Budget Clerk

Note by Budget Section.

47/9
No. 47 W
PUBLIC WORKS DEPARTMENT.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

Under date the 10th Jan 1884

Read the following

From the Supt. Engineer Fifth Circle by 27787 5th Nov 1883
" " " " " " 32958 15th Dec

8

The estimate amounting to Rupees 25,237, for constructing public buildings for a regiment of Native Cavalry at Bangalore, is sanctioned.

2. A sum of Rs 25,000 has been provided for the work in the Imperial Military Budget for 1884-85.

3. The desirableness of substituting stone masonry

✓
for brickwork in the
walls of the various
buildings should again
be considered by the
Subty. Engr., who has,
it is thought, overestimated
the cost of the former.

*
4. This sanction has
been registered as Gen.
Serial Ordinary No 54 W
of 1883-84, & classified
as Military Original
Works.

Cm

I think is himself of opinion
that stone walls will certainly
be preferable to brick & plaster.

At.

9.1.84

W

9.1.84.

To the S. E. of the bridge,
with 13 acres
" East Wood, with
small about 100.
" Military Dept.

9
47
10

11595

Gobt. of Madras.

PUBLIC WORKS.

(8)

Dated

Secy.

Arch.

10th Jan 1884 No. 4798.

Native Cavalry at Bangalore.

To the Secy to the Govt.
for a sketch of the
buildings for a Regiment
of Cavalry. I am not sure
if you will be able to
arrange this.

~~11595~~

11595

Under Secy to Govt.

etc