Archives I 10,006—16-8 77.

(1) Number of pages 39

(2) Date of repair -3-87

(3) Initials of the Referencer

TAMIL NADU ARCHIVES

GOVERNMENT OF TAMIL NADU

PW DEPARTMENT

G.O. No. ~~B.P. No.~~ 1894 W Press. ~~Mis.~~

Dated 25-7-1882 ~~197~~.

2.71

Not to be folded or roughly handled

25th July 1882, No. 1894 W., Public Works.

1894
1

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Military Works.

No. 139.

Read—the following G.O., dated 28th June 1882, No. 3161, Military :—

Read—the following papers :—

From Lieutenant-Colonel W. H. BURTON, R.E., Officiating Superintending Engineer, Fifth Circle, to the Chief Engineer, Public Works Department, dated Chepauk, 2nd June 1882, No. 772.

With reference to G.O., No. 1805 W., dated 22nd July 1881, I have the honor to submit, for sanction, plans and estimates approved of in the Military Department, aggregating to Rs. 1,27,750, for constructing new barracks for Royal Artillery at St. Thomas' Mount, in the Chingleput Division.

8 Plans.
7 Estimates with Abstracts.
2 General Abstract Estimates.
1 Specification.
1 Report.

2. The expenditure on the work for payment of compensation for purchase * of 11 private houses and demolishing † the old barracks sanctioned in the Government Orders as per margin is Rs. 10,504 up to 31st March last. Provision in the above Regular Estimate has been made for these items.

* G.O., No. 87, dated 31st March 1881.
„ „ 1805 W., „ 22nd July „
„ „ 2497 W., „ 12th Oct. „
† G.O., No. 118 W., „ 14th Jan. 1882.

3. An appropriation of Rs. 22,000 for the work has been made for expenditure during the current year in the Budget Estimate, Preliminary Issue, Part I, Item 2.

Memorandum—from the Acting Deputy Chief Engineer, Public Works Department, dated 24th June 1882, No. 308 E.

Submitted for the approval of Government in the Military Department.

(By Order.)

(Signed) ROSS THOMPSON, Lt.-Col., R.E.,
Ag. Deputy Chief Engineer, P.W.D.

Order—dated 28th June 1882, No. 3161, Military.

Approved.

(True Extract.)

(Signed) E. L. HANKIN, Colonel,
Ag. Secy. to Govt., Mily. Dept.

To the Public Works Department.

No. 140.

Order—dated 25th July 1882, No. 1894 W., Public Works.

The estimates, amounting to Rs. 1,27,750, for constructing new barracks with outbuildings for Royal Artillery at St. Thomas' Mount, are sanctioned.

2. Funds for this work to the extent of Rs. 22,000 are provided in the current year's Military Budget.

3. This sanction has been registered as Imperial Ordinary No. 16 W. of 1882-83 and classified as Military Original Works.

(True Extract.)

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

To the Superintending Engineer, Fifth Circle, with eighteen Enclosures.
„ Examiner of Public Works Accounts, with duplicate Abstract Estimate.
„ Military Department.

Exd. C. Howarth.
Spare Copies

BUILDINGS AND ROADS.
MILITARY WORKS.

Govt. of {1882} Madras.

PUBLIC WORKS.

Dated July, 25th.

Recd. *Encl.*

G.O., 25th July 1882, No. 1894 W.

JULY.
Nos. 139-140.

Barracks.

Estimates amounting to Rs. 1,27,750, *for constructing new* — with out-buildings for Royal Artillery at St. Thomas' Mount, sanctioned.

R1

No. 772

SUPERINTENDING ENGINEER'S OFFICE,
5TH CIRCLE, MADRAS,
Chepauk, 2nd June 1882.

1894 / 3

From
THE Offg. SUPERINTENDING ENGINEER,
5TH CIRCLE,

To
THE Chief Engineer
P. W. D.

SIR,

Enclosures. 19
8 Plans
7 Estimates with abstracts
2 Genl. Abstract estimate
1 Specification
1 Report
19

With reference to G.O. No. 1805 W dated 22nd July 1881, I have the honor to submit for sanction, plans and estimate approved of in the Military Department, aggregating to Rs. 1,27,750 for Constructing New Barracks for Royal Artillery at St. Thomas Mount in the Chingleput Division.

2. The expenditure on the work for payment of compensation for purchase of 11 private houses & demolishing the Old Barracks sanctioned in the G.Os as per margin is Rs. 10,504 upto 31st

x G.O. No. 87 / 31-3-81
" No. 1805 W / 22-7-81
" No. 2497 W / 12-10-81
G.O. No. 118 W / 14-1-82.

31st March last; — provision in the above regular Estimate has been made for these items.

3. An appropriation of Rs 22,000 for the work has been made for expenditure during the current year in the Budget Estimate Preliminary Issue Part I Item 2.

I have the honor to be
Sir
Your Most Obedt Servant

W. H. Bruton Lt Col R.E.

Offg: Supdg: Engr 5 Circle.

G.O. 2478a-A. 27-10-80.
B. 2849 A. 9-12-80.
" 162 A. 20-1-81
" 875 A. 31-3- "
" 1805 A. 22-7 - "
G.O. 118 A. - 14-1- 82 (orgl)
Memo 485C - 23-2- "
B - 401 A. 14-2- "
" 542 A - 1- 3 - "
" 873/874 A. 2-4- "

P.W. Chr 3577

From

Offg.
THE SUPERINTENDING ENGINEER,

5TH CIRCLE,

To

THE Chief Engineer
P.W. Deptt.
Madras

Dated 2nd }
Recd. 3rd } June 1882.

ENCLOSURES. 19.

No. 772.

New Barracks for Royal Artillery at St Thomas Mount.

Submits for sanction plans and estimate for Rs 127,750 for constructing

M. L. 3357/82

ackd 19/6 Re 4/7

P 2

CHEPAUK, 24th June 1882.

No. 308E

MEMORANDUM.

1894

Letter from the Superintending Engineer Fifth circle No 772 dd 2nd June 1882, submitting Estimates in all amounting to Rs 127,750, for constructing two New Artillery Barracks with outbuildings at St Thomas' Mount.

Submitted for the approval of Government in the Military Department.

(By Order.)

Thompson

Lieut.-Colonel, R.E.,

Ag. Depy. Chief Engineer, P.W.D.

G

To

The Military Dept. with papers in original (return requested)

Ec. Sent

Mily 1882 Dept

From No.

The Chief Engineer,

P. W. D.

P.W.C. 4403

To

The Military Dept

Mily Buildings

No 3161

Approved

(Two Extracts)

[illegible] Colonel

Ag Secy to Govt

Ootacamund
28 June 1882

To

The Public Works Dept

With its enclosures

Dated 24th

Despd 26th June 1882

No 3050

Enclosures 30

No 1461 Exp 21.7.82

Submitting for approval estimate &c amounting to Rs. 1,27,750 for constructing two New Arty Barracks with out buildings at St. Thos' Mount.

3577

Dy W.

1896/O

I have put up the usual endorsement to the Mily. Dept on these papers: but there are slight deviations from the standard plans: which may or may not, require explanation from the S.E.

C
19/6/82

23.6.82

O/

Mily 17/6

... per man in Barracks

epar ent, 1882-83.

1894
7

Current No. 3577.

Letter No. 772.

Dated the 2nd June. 1882.

From the Supg Engr 5th Circle

NOTE OF REMARKS.

The Plans & Estimates with
...l & specification for Con-
ructing New Artillery Barracks
& Out buildings at St. Thomas
Mount, in the Chingleput
Dist. Aggregating to Rs. 127750.

The following list gives the
works contemplated.-

-Constg 2 new Artillery Barracks at Rs 44825 each		Rs. 89650.
-do- 3 Cook rooms	.. 2805	.. 8415.
-do- 3 Wash houses	.. 2180	.. 6540.
- do - Latrine		.. 1385.
5-do- Recreation room Coffee shop & Library		.. 16,000.
-do- Collar makers & Wheelers shop		.. 3,820.
-do- Store room		.. 1940.
Total Rupees		127750.

New Barracks.

The design for the new blocks
f Barracks differ slightly
rom the standard design, pub-
lished in Circular No 89 of 1864.

Each Barrack is designed to
ccommodate 40 men & 2 Serjeants
ith day rooms &c, in a single
toried building. The measure-
ments of the rooms are given below.

The superficial area & cubical
pace per man in Barracks
are

are slightly in excess of that laid down by the Govt of India viz. 90 Supl ft & 1800 Cft per man.

		Supl ft.	Cft
2 Barrack rooms	79'×24'×20' =	3792	= 75840.
1 Day room	48×24×20 =		
2 Serjeants' rooms	14'×18'×14½ =		
2 - 1 do	do - 10×18'×14½ =		
2 - day	do - 18'×20'×14½ =		
2 Bath rooms	8'×8'×14½ =		

The basement of the building is 3 ft. above ground level & the rooms are 20 ft. in height below tie beam. The Verandahs are 12' & 8' wide. The Roof is Ventilated by a ridge Ventilator.

Cook rooms.

The design for Constructing 3 Cook rooms to the Barracks, has been prepared in accordance with the Standard design issued by the Govt of India with Circular No 86 of 7th Octr. 1868.

Each building Consist of

1 Kitchen	24'×16'×14'
1 Superior soldiers room	16'×16'×14'
1 Cook room	10'×10'×9'

with a Yard in front 41½'×18' enclosed by teak railings.

The Roof is Ventilated by a ridge Ventilator.

Wash Houses.

The design for Constructing 3 Wash houses to the New Barracks has been prepared in Accordance with the standard design issued by the Govt of India with Circular No 17 of 1876.

The

1894

The design has been Altered in length in proportion to number of men to be Accommodated.

The Wash house is 22¾'×16'. A reservoir 9½ ft square is placed outside, the bed being raised 3¼ ft above the ground, so as to allow of a supply of Water being passed to 3 bathing tubs & 8 basins on wooden stands. The supply of Water to be carried by iron pipes with taps to each tub & basin. &c.

Latrine.

The design for Constructing a Dry Earth Latrine has been prepared in Accordance with the standard design, Circulated with G.O. No 318, of 1st February 1872.

The Latrine has been designed to Afford Accommodation for 6 men at One time.

The building Contains -

1 Latrine, Containing 6 Compartments	3'×5' Each.
1 Sweepers' passage	21'×5'
2 Earth bins	10½'×4' Each
1 Cart shed	10'×13'.

Each Compartment is provided with a Rogers dry Earth Apparatus.

The Roof is Ventilated by a ridge Ventilator.

Recreation room, Coffee Shop & Library.

The design for Constructing Recreation room &c has been prepared,

prepared in accordance with the standard (Public Works design, issued by the Govt of India, with Circular No. 2 of 1867.

The building consist of

1 Recreation room - 65'×24'×20'.
1 Coffee shop — 30'×24'×20'.
1 Library ——— 21½'×24'×20'.

The height of the building below tie beam is 20 ft. where the standard provides only 16 ft.

A Verandah 12 ft wide all round the building has been provided.

Collar Makers' & Wheelers' Shops

The design for Constructing Collar Makers &c shops, has been prepared in accordance with the standard design issued by the Govt of India with Circular No. 2. of 1875.

The building consist of.

1 Collar Makers' shop - 30'×20'×16
1 Wheelers' shop —— 30'×20'×16

with Verandah in front 10 ft wide.

The Roof is ventilated by a Ridge Ventilator.

Store Room.

The design for Constructing a store room to be attached to the Gun shed, differs slightly from the standard design, issued by the Govt of India with Circular No. 46 of 1871.

The Area of the Store Room is 30'×20', whereas the standard provides - One 32'×22'.

Verandahs 7 ft wide in front & rear of the building have been provided.

Compensation for 11 private houses, Demolishing the old Barracks, Levelling the ground avelling & turfing the roadway & sides, removing rubbish &c. has been included in the New Barrack Estimate of Rs 89,650.

Petty supervision & Contingencies have been charged, Each at 6 per Cent.

The Rates entered more or less agree with the District Schedules.

The Plans & Estimates have been approved of by His Excellency the Commander-in-Chief & Countersigned by the Offg Qr. Mr. Genl.

17th June 1882

4403

C.A.W.

The estimates are within the Local Govts' powers of sanction, but there are deviations from the standard plans. These however are so slight that I don't know whether W. will consider it necessary to submit the estimates to G. of I. under Code para 2161.

I forward the usual draft order sanctioning.

4/7/82

To D.W.

Para 2161 does not seem to be very rigid. Designs should "follow" the Standards.

R.S.O.
8/7.
P.O.

C.A.W.

The plans and
estimates may go on
The deviations from
Standard plans
are apparently not
important; and were
doubtless made
advisedly by the
P.W. Officers – but
as the Govt. of I. may
possibly wish them
to be explained – it
is better to call for
explanation.. unless
W considers it to be
unnecessary –

13.7.82

To W

Submitted

R.J.
13.7

C. No.

1894/10

P. W. Secretariat.

Note by Budget Section.

Work

Remarks and References.

Constructing New Artillery
Barracks and out build-
ings at St. Thomas Mount

Fund Imperial
Service Head Military ... Rs.
Departmental Head Original Work ,,
Amount of estimate ... ,, 124,450
Expenditure in previous year ... ,, –
Allotment in current year ... ,, 22,000
Balance required to complete ... ,, –

Total Rs. ...

Note of available funds.

Funds to the extent of Rs 22,000 provided
in Imperial Budget Item No. 3.

14/6

Budget ~~Clerk~~

F. W. [illegible]
4003

Note by Budget Section.

18944

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80. 18
25.7.8

C.A.W.

1894
4

As no action appears to have been taken on W's note of 14.7.82 beyond the instructions for the Sec. Sec which were sent down a short while ago, I forward herewith for Dy.W's approval a draft memo to the S.S. V in the sense of W's remarks.

Probably however it was settled between W. & Dy.W. that nothing need be said on the subject, but the papers do not show this –

O/ Posted up to this time until the

original papers could be sent free.

C.E.
5/8/82

S.A.W.

Disposed of by No. 461 E dd 21-7-82. This is noted on the C. No.

7/8

P.W.D.

1894/12

Memorandum

With reference to G.O. No 1894 W dated 25th July 1882, the Chief Engineer has the honor to remark that the plans and estimates for constructing new barracks for Royal Artillery at St Thomas Mount were Sanctioned by Government to Save time in Commencing work but the following points which occurred to the Chief Engineer in looking over the documents are now brought to the notice of the Superintending Engineer.

2. The Cistern of the wash house would apparently be

be better if made of simple boiler plate than a clumsy mass of brick which is certain to leak, and give trouble — especially at the points where the pipes and cocks have to be taken off. The details of the latter are also insufficiently given.

3. The elaborate and expensive arrangements for supplying dry earth to the privies seem to require re-consideration. They are in the opinion of the Chief Engineer quite useless and if they get out of order must give endless trouble. A sweeper going his rounds in rear could much more easily and cheaply throw in earth as required.

4. A General abstract was given in nearly correct form, as also a Specification, but no Report such as required by Code Chapter VII accompanied the estimates — no project should be submitted to Government unless all the documents ordered by the Code are in proper order, and the Report particularly should state the history — objects and reasons for all the proposed work.

Ch

1894/13

To the S. E. Fifth Circle

A No. 2478 A. W. 27-10-80.
B " 2849 W. 9-12 " "
" " 162 W. 20-1-81
" " 845 W. 31-3 " "
" " 1805 W. 22-7 " "
A " 118 W. 14-1-82.
Memo. 485 C. 23-2- "
B " 542 W. 1-3 " "
" " 873/874 W. 3-4 " "
A " 1894 W. 25-7 " "
Memo " 308 E. 24-6 " "
" " 461 E. 21-7 " "
A " 1894 W. 25-7 " (migl.)

Not reg? already done [illegible] 7-8

Ch S 14/8
only 5/8

A/ J.P. No. 1894 W B & R Mg 1m/ko

PUBLIC WORKS DEPARTMENT.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

UNDER date the 25th July/82

Read the following :—

1884/14

From the S.E. Fifth Circle H.G. No. 772 d/ 2nd June 82
Procs. in the Mily. Dept " " 3161 d/ 28th June 82

The estimates amounting to Rs 1,27,750 for constructing new barracks with out buildings for Royal Artillery at St. Thomas' Mount are sanctioned.

2. Funds for this work to the extent of Rs 22,000 are provided in the current year's Military Budget.

3. This sanction has been registered as Imperial Ordinary No. 16 W of 1882-83, & classified as Military Original Works.

Cy

13.7.82 14/7/82

S.E. Fifth Circle with 18 enclos.
Ex. P. W. A. with Impl. abst. & estimate
Military Dept.

Despd. 1/8/82.

1403.

Govt. of (1882) Madras
PUBLIC. WORKS.

Print Room

Dated

Recd. 26/7/82

B.D.

Recd.

End.

G. O., 25th July 1882, No. 1894 W.

Nos. 139 to 140

Barracks.

Estimates amtg to Rs 1,27,750 for constg new — with out buildings for Royal Artillery at St Thos Mount sanctioned.