

(1) Number of pages 68
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TAMIL NADU ARCHIVES

GOVERNMENT OF TAMIL NADU

Public Works DEPARTMENT

G.O. No.	2590.W	Press.
B.P. No:	2591	Mis.
Dated	4-10-1882	198

Am

Not to be folded or roughly handled

4TH OCTOBER 1882, No. 2590 W., PUBLIC WORKS.

2590-W
GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

General.
Account.

No. 24.

READ—the following papers:—

From the Quartermaster-General of the Army, through the Military Department, dated
20th September 1882, No. 1026.
From do. do. do. dated 27th September 1882, No. 7760.

No. 25.

ORDER—dated 4th October 1882, No. 2590 W., Public Works.

Ordered that the Schedule of Military requirements on account of Public Works, under Buildings and Roads in the Madras Presidency, for 1883-84, be submitted to the Government of India in the Military Department as directed in letter No. 283 A.G., dated 11th September, from the Government of India.

2. Ordered also that the list of Military Works estimated to cost below Rs. 2,500 each be printed and circulated to Superintending Engineers, in view to the necessary plans and estimates being prepared in time to admit of the grant that may be made for Minor Works in 1883-84 being utilized.

3. Superintending Engineers are also reminded that no time should be lost in the preparation and submission of the necessary plans and estimates for those unsanctioned works which have been entered in the schedule, as no work can find a place in the outgoing Budget Estimate for which plans and estimates have not been duly sanctioned.

(Here enter No. 2591 W., dated 4th October 1882.)

(True Extract.)

Lieut.-Col., R.E.,
Ag. Under Secy. to Govt., P.W.D.

To Superintending Engineers.
To the Examiner, Public Works Accounts.
" Military Department.
" Financial do.

Exd. S. T. Austin.
Spare Copies

GENERAL
ACCOUNT.

Govt. of (1882) Madras
PUBLIC WORKS.

Dated October, 4th.

Recd.

Encl.

G.O., 4th Oct. 1882, No. 2590 W.

OCTOBER.

Nos. 24-25.

Schedule of Military require-
ments.

Ordered that the — on account of Public Works, under Buildings and Roads in the Madras Presidency for 1883-84, be submitted to the Government of India.

4TH OCTOBER 1882, No. 2591 W., PUBLIC WORKS.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

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(Here enter No. 2591 W., dated 4th October 1882.)

(True Extract.)

(Signed) R. H. SANKEY, Colonel, R.E.,
Secretary to Govt., P.W.D.

To Superintending Engineers.
To the Examiner, Public Works Accounts.
" Military Department.
" Financial do.

No. 26.

ENDORSEMENT—dated 4th October 1882, No. 2591 W., Public Works.

Copy of the above forwarded to the Government of India in the Military Department.

Lieut.-Col., R.E.,
Ag. Under Secy. to Govt., P.W.D.

Exd. S. T. Austin.
Spare Copies

$$\frac{2590}{3}$$

$$\frac{472}{9}$$

GENERAL.
ACCOUNT.

Govt. of [1882] Madras.
PUBLIC WORKS.

Dated October, 4th.

Recd.

Encl.

G.O., 4th Oct. 1882, No. 2591 W.

OCTOBER.
Nos. 24-26.

Schedule of Military require-
ments.

SUBMITTING — on account of Public
Works under Buildings and Roads in the
Madras Presidency for 1883-84.

QUARTERMASTER-GENERAL'S OFFICE,
Head Quarters Calcutta and

20th September 1882.

No. 1026.

From

THE QUARTERMASTER-GENERAL,

To

THE *Secretary to Government*
Military Department

SIR,

I have the honor, by order, to forward the accom-
panying Lists of Military Major and Minor Works
to be provided for with funds in the Budget Estimate
of 1883-84.

2. In the lists are also included works which
have been approved by His Excellency the Commander-
in-Chief for execution when funds are available.

I have the honor to be
Sir

Your obedient servant
John Henry Lt. Col.
Offg. Qr-Mstr General

EA.

Military (1882) Department.

Nº

From

The Quarter Master General.

To

The Secretary to Government,
Military Department.

Sp 5036

Transferred to
the Public Works Dept.

Colonel.
Adj. Secy. to Govt.

Ostacumund.
21st Sept. 1882

Dated 20th }
Recd. 20th } September.

E. 2

Nº 1026.

Forwards Lists of Military
Major and Minor Works to be pro-
vided for with funds in the Budget
Estimate of 1883/84 -

B/

Forwarded

Oct 1899

Quarter Master General's Office,
Fort Saint George - 27th Sept. 1882.

Nº 7760.

25th / 6

From

The Quarter Master General.

To The Under Secy. to Government,
Public Works Department,
Chennai.

Sir,

With reference to your
Memo. Nº 1654 dated 23rd Instant,
I have the honor, by order, to inform
you that the Schedule of demands
for Military Works for the
Budget of 1883-84 was sent
to the Secretary to Government
Military Department on the
20th Idem with this Office letter
Nº 1025 from Ostacumund. -

I

I have the honor to be,

Sir,

Your Obedt. Servant.

J. W. Leach Major

Offy. Deputy Q. M. Genl.

18.

2590
7

1349/50w 30.5.82
1950/51w 2-8.82
2475w 19.9.82
2293w 16.9.81

M.C. No 6538

1950-51/12

2590w

B/

12/59.9 only 29/9 Re 4/10

Schedule of the probable requirements of the
for 1883/84

Madras Presidency on account of Imperial Works

Head of Executive
Classification Division
Locality & Projects and Works

Original Works
Major Works
Minor Works
Total
Repairs
Establishment
M.C. and Plant
Spend
Grand Total

Military (Contd)

Accommodation for

Troops. Presidency Bangalore 23 Quarters for the apothecary,
buildings for North station hospital,
European troops including latrine, godown
in the plain latrine, Cook house &c. A

Permanent
(Contd). do do 24 Quarters for an Assistant
Apothecary, North station
Hospital, including Cook
house, latrine & godown A

Buildings for
European troops in the
Hills. Nilgiri Wellington 25 Supplying cooking stoves
to each married quarters A

do do 26 Drainage pipes for the re-
maining block, the same
as No. 5 block A

do do 27 New flooring to latrines of
Barracks and family quarters A

do do 28 Bath room to wash houses A

do do 29 New wash houses fitted with
bailers, drying and ironing
rooms for the married quarters A

278258 2350190 628448 628448

2580
13

Estimate awaited.

Estimate awaited.

Estimate awaited.
Mem. No. 19 class A
works of Budget of
1882/83.

Estimate awaited.

Estimate awaited.

of Rs. 120
Estimate sanctioned
in G.O. No. 4724 of 6
June 74. Mem. No. 14
class C. Works of Budget
of 1882/83.

Estimate awaited.
Mem. No. 10 class A
works of Budget of 1882/83.

278258 278260 656618 656618

Head of Executive
Classification Division Locality & Projects and Works

Class

Original Works
Major Works
Minor Works
Total
Repairs
Establishment
Tools and Material
Sundries
Grand Total

Military (Contd)

Buildings for European
Troops in the Nilgiri Hills
Mettur 30 Constructing a female
hospital at the Mettur for
Baptist

278,358 372,300 6,661 8

2530
141

do do 31 Boys Hospital at the
Lawrence Nagar

15,000 15,000 15,000

Estimate under
consideration
Item No 15 class
C Works of Budget
of 1882/83

Buildings for
Native Troops Presidency Bangalore 32 Constructing two latrines
for the Queen's Own Sep-
ters and Minors

3,380 3,380 3,380

Estimate under
consideration

do do 33 Addition to Regimental
School, Sepers and Minors

3,500 3,500 3,500

Estimate of Rs 3500
sanctioned in G.O.
2155 W of 31 August 1882
Item No 16 Class C
of Budget of 1882/83

Bellary Bellary 34 Ammunition Shop for the Native
Cavalry

2695 2695 2695

Estimate of Rs 2695
sanctioned in G.O.
No 2266 W of 14
September 1881. Item
No 17 class C works
of Budget of 1882/83

Nilgiri Mettur 35 Academy for half a Company of
Queen's Own Sepers and
Minors

12,000 12,000 12,000

Estimate under
consideration (Vide letter to Govt.
of India No 1956 W
of 22 August 1882)

278,358 372,300 6,661 8

Schedule of the probable requirements of the
for 1883/84

Head of Executive
Classification Division

Locality & Projects and Works

Class

Original Works

Major Works

Minor Works

Total

Repairs

Establishment

Tools and Material

Contingent

Grand Total

Military (Contd.)

278,258 424,935 768,193

2530
18

(1) Accommodation for

Troops Chingleput Palanuram 36 One Mortuary Room for each of the hospitals N.I. B

3,200 3,200 3,200

Estimate awaited

Troops do do 37 New Lines required for one Native Infantry Regiment A

30,000 30,000 30,000

do

Ganjam Berhampur 38 Armourers Shop B

3,000 3,000 3,000

do

Trichingopoly Trichingopoly 39 Family quarters enlarged for the 30th Regiment N.I. B

3,100 3,100 3,100

do

do do 40 Latrines for the 30th Regiment N.I. B

4,800 4,800 4,800

do

(2) Ordnance

Works Presidency Madras 41 Improvements to the Barrel Machine Shop at the Gun Carriage Factory A

4,030 4,030 4,030

Estimate of Rs 4030 sanctioned in G.O. No. 2413 W of 16 September 82.

do do 42 Renewing a portion of the terrace roof of the Warehouse of the grand Arsenal A

4,940 4,940 4,940

Estimate of Rs 4940 sanctioned in G.O. No. 2222 W of 30th August 82.

278,258 424,935 768,193

16

Schedule of the probable requirements of the
for 1883/84

Madras Presidency on account of Imperial Works

Head of Executive
Classification Division

Locality & Projects and Works

Class

Original Works
Major Works
Total
Repairs
Establishment
Tools and Material
Expense
Grand Total

(2) Ordnance
Works (Contd)

Military (Contd) 17
Improvements to the
Gun Powder Factory

278258 1,78,005 756263 756263

18

2590
16

Composition Mills one group viz
1. Charcoal Pulverizing room
1. Sulphur do
1. Mixing room
1. House for 8 horse Power
Engine with 2 Boilers
1 Tank

43

A

21050 21050 21050

Glazing & Drying Houses one group viz
1. Glazing House
1. Drying House
1. House for 8 horse Power
Engine and 2 Boilers
1. Watch House
1. Deposit Magazine
1. Tank

44

A

9200 9200 9200

Complete with traverses, tramways
roads etc

Presidency Madras

Incorporating Mills one group viz
1. Mill rooms
1. House for 25 horse power
Engine with 2 boilers
1. Green Charge Deposit Magazine
2. Watch Houses
1. Tank
Complete with tramways & roads

45

A

50000 50000 50000

1. Master Worker's House
1. Master Refiners House

46

A

10170 10170 10170

1. Drying House

47

A

15000 15000 15000

1. Rubble Cutting House
1. Granulating House to be con-
verted into a rubble cutting
machine house

48

A

8000 8000 8000

2. Bridges

49

A

22300 22300 22300

278258 696,225 974,783 974,783

Estimate of the
1883-84 sanctioned in
G.O. No. 2740 of 31st
October 1879. No. 2284
of 7 July 1880. No. 2284
of 10 October 1880. No.
2284 of 12 June 1881.
No. 4254 of 10/12/82.
and No. 1577 of 9/5
June 1882. Further
estimates awaited
from No. 16 class A
Works of Budget of
1882/83.

Schedule of the probable requirements of the
for 1883/84

Madras Presidency on account of Imperial Works

Head of Executive
Classification Division

Locality & Projects and Works

Class

Original Works

Major Works

Minor Works

Minor Works

Minor Works

Minor Works

Total

Repairs

Establishment

Stores and Material

Supplies

Grand Total

(3) Commis.

Buildings

Bellary Bellary 50

Military (Contd)

Slaughter house and hanging shed for meat

A

do Madras 51

Sheds for the Public Cattle and pens for their attendants

B

Coimbatore Malapurm 52

Quarters for a commissariat staff sergeant

B

Presidency Madras 53

New Slaughter House

B

do do 54

Quarters for Station Butcher

B

do do 55

Quarters for the assistant and hon commissioned officers

A

(5) Madras Salem 56

Rebuilding sick line - Stables

B

57 Minor works

Total Military

278,258 696,525 974,783

974,783

7210 7210 7210

70000 70000 70000

4000 4000 4000

17580 17580 17580

4740 4740 4740

30000 30000 30000

23000 23000 23000

113,131 113,131

278,258 8,53,055 113,131 113,131 12,44,444 39,500 35,000 20,000 17,16,608

Estimate awaited. Item No 18 class A Works of Budget of 1882/83.

Estimate awaited. Item No 19 class C Works of Budget of 1882/83.

Estimate awaited. Item No 20 class C works of Budget of 1882/83.

Estimate awaited.

Estimate awaited.

do

Of this amount Rs 20,000 are required for repairs to the gunpowder factory at Madras. (vide letter to Govt. of India. No 1956 H of 23 August 1882)

R. P. Thompson Lt Col. R.E.
A. J. Under Secy. to Govt. M.S.

Corps or Department needed. Estimate Cost

Large. A covered Gymnasium to be erected in the Ball Alley of the European Regiment. } 17,100

2570
Composition Mills one group viz:
1 Charcoal Pulverizing Room.
1 Sulphur do
1 Mixing room
1 House for 8 Horse Power Engine with 2 Boilers.
1 Tank - } 21,050

Slagging and Dusting Houses one group, viz:
1 Slagging House.
1 Dusting House
1 House for 12 Horse Power Engine and 2 Boilers.
1 Watch House
1 Deposit Magazine.
1 Tank
Complete with traverses, tramway, roads &c. } 92,000

Incorporating Mill, one group, N° 3 viz:
6 Mill rooms.
1 House for 25 Horse Power Engine with 2 Boilers
1 Green Charge Deposit Magazine.
2 Watch Houses
1 Tank.
Complete with tramway and road. - } 50,000

1 Master Worker's House.
1 Master Refiner's House. } 10,170
1 Drying House. } 15,000

Pebble Cutting House.
1 Granulating House to be converted into a pebble cutting machine House. } 8,000

New additional Compound walls.
2 Bridges. } 22,300

New Slaughter House.
Quarters for Station Butcher. } 17,580
4740

is the necessity of references to former years, Order of Government. This is very much needed and might be erected within the space of the Ball Alley situated on the East of the Barracks which apparently is not used by the men. Recommended. Very desirable as this work has been shelved for some time postponed by Govt. at once by N° 1587 of 16 March 1877.

2570
P.G. N° 4020 W. dated 15 October 1878
page 2, N° 6.

P.G. N° 4020 W. dated 15 October 1878
page 2, N° 7.

P.G. N° 4020 W. dated 15 October 1878
page 2, N° 8.
P.G. N° 3159 of 28 June 1882.

P.G. N° 4020 W. dated 15 October 1878, page 2 N° 9.
Fittings received from England in Augt/79.

P.G. N° 1171 dated 18 March 1879.

P.G. N° 59 dated 7 Jan'y. 1874.

Very urgently required the present site is not satisfactory and strongly objected to by the 18th Bort. Farms. No proper supervision can be exercised at present over supply of meat. It is ultimately sanctioned. P.G. N° 1532 of 17 July 1880. P.G. N° 1127 of 9 March 1882. Recommended. As funds are available. When funds are available. Already approved by His Excellency the Commander in Chief.

Gun Powder Factory

Commission of Department

Commissioner's
Department

70,000

Public Quarters for the Warrant
and Non-Commissioned Officers
stationed at Madras. } 30,000

Two New Barracks for the East
Field Battery (formerly Horse Artillery
Barracks) in lieu of one old
Barrack which has been vacated
as unsafe. } 50,320

Constructing Stables for Horses
of the two Field Batteries. } 89,190

all on the Beach, but there is no accommodation therein for the Bullock Lines should also be built for the Attendants as they cannot put themselves in the neighbourhood.

These are most urgently required during the recent outbreaks of Cholera, many of them were lying in Black Town in the midst of the sickness. Recommended. This seems most desirable.

2830
21

The Barracks are now unroofed. The rooms were exceedingly narrow and low. This alteration is very urgently required. Still urgently required. 2 new semi-circular roofed Barracks & ca. with suitable oilhouses are now recommended. Proceedings under preparation, cost will be 75,000 Rupees. Recommended - if it is determined to increase the R.A. at the Mount, but if not to be increased, the present accommodation is ample. The only objection to present arrangement is the distance of the Barracks from the Horse Lines.

Approved

O.G. no. 3866 of 21 June 1880.
O.G. no. 6739 of 25 Oct. 1880.
O.G. no. 206 of 14 Jan. 1881.
O.G. no. 1657 of 21 March 1881.
O.G. no. 1929 of 4 April 1881.

The present arrangements of the Stables afford no shelter for the Horses during inclement weather. If covered stables were adopted the horses could be more regularly and effectually groomed during wet and hot weather and the very desirable object of having the Horses regularly attended by Europeans during the rainy and hot seasons would thus be obtained. Australian Horses thrive better when not exposed to great heat. O.G. no. 209 of 25 Jan. 1875 P.W.D. Plan and Estimate for Rs. 89,190 were submitted to Govt. - Vide letter no. 797 of the 3rd June 1875 from the Supg. Engineer Chingleput to the Quarter Master General. Recommended - when funds are available. - Approved

Bahar: Mount.

Coffee shops 3 in number one for each North, South and the New Artillery Barracks. } 9,000

One Mortuary room for each of the 14 Hospitals No. 1 to 14. } 3,200

New lines required for one Native Infantry Regiment. - } 30,000

Chambers Ammunition Shop } 3,000

the other Barracks have range. When funds are available
Baths, one is much required for the New Barracks, and extra water supply would also be required. The well and double moat apparatus is recommended.

Re-entered this year for the following reasons. The Plunge Baths that were referred to above have become so leaky that the Contractor absolutely refuses to fill them. One large one is necessary for the two Great Field Batteries in the R.A. lines, length 45 feet by 20 feet breadth. present one too small, 4 feet and 8 feet depth.

Urgently required. None of these Barracks are supplied with Coffee Shops on the Standard Plan. Recommended. Very desirable.

There is at present no accommodation where to conduct post mortem examinations. The Com. militer consider it absolutely necessary that a dead house for each of the following Hospitals should be built as soon as practicable. - Recommended. When funds are available.

- No. 1 The Euro. Art. Vets. Co. Hospital.
- No. 2 Hospital 12. A. A. I.
- No. 3 - Native Infantry Depot Hospital.
- No. 4 Hospital late of 17 Regt. M. I.

To be held in abeyance until it is decided what the Palmarum Barracks is to consist of. Very desirable.

The present Ammunition Shop is not on the Standard Plan, but has been adapted as far as possible to the use required of it. It is however very small and the room insufficient. Proposed that a New Room be built on to the Eastern end of the present building. This will give all that is required and be much cheaper than building a new Shop on the

Approved.

Hospital.

18000

Canteen

Gymnasium

Mallapooram

Quarters for a Commissariat Staff Lieutenant

4000

Plunge Bath of the Standard Plan

3470

Cananore.

Improving Salines of the British Regt.

2780

Boarded floors of European Hospital

6500

European Infantry

Quarters for Schoolmistress & Schoolmistress

6120

Bengalore.

Alterations and Additions to Wash houses

12500

attachment is in

rarily housed - S.O. N^o 861 W.

ted 25 March 1879.

for the time being
necessity by the late
fire at Mallapooram

Canteen now in use was formerly
the Arrack Godown.

very much required - none at present.

The present ones are unfit for use,
the house now occupied was the
Hospital Purveyor's Stores - the pre-
sent Purveyor's Stores are unsafe.

Mallapooram is a hot
and unpleasant quarter.
S.O. are stationed there
for 6 months, wives and
families are left behind
at Cananore - the men
have few amusements
and are expected to be
fit to take the field
on the shortest notice
as they should have
Barracks as good as
those in other Stations.

Approved

2580

22

A bath is greatly needed for the
use of the men - the open bath cut
out of the rocks below the Cliff
is continually out of order and when
in good condition can only be used
when the tide serves and even then
only in the mornings and evenings.

The Sea Bath fills with water
sand and becomes useless
and the men have there-
fore no place for swim-
ming in the monsoon
except the one recently
repaired in the R. H.
Barracks, some distance
from the Infantry Barracks.

Sanctioned in S.O. N^o 1056 W of
4 April 1879.

Not urgently required. When funds are

Recommended by the Medical
Authorities.

Do not urgently. Desirable
required.

Desirable, no proper Quarters for
them - now they temporarily occupy
quarters a long distance from the
School - S.O. N^o 3066 W of 2^d
December 1879.

Recommended that When funds are avai-
lable rooms of the vacant
Barracks be
altered to meet re-
quirements.

Desirable - the existing wash houses
do not provide separate rooms
for bathing purposes - S.O. N^o
1102 W of 2^d November 1880.

Very desirable

Approved

Sifting Room.

424

Queen's Own Sappers & Miners.
Additions to Regimental School

3500

Garrison
Construction of 4 Class Gymnasium

44,600

Bangalore

Royal Horse Artillery
Covered Stables

60,000

Royal Artillery
Covered Stables for two Batteries

120,000

European Infantry
3 Staff Sergeants Quarters

2930

Queen's Own Sappers & Miners.
Regimental Latrines

3960

North Station Hospital
Quarters for the Apothecary includes Stables
Godown, latrine, Cookhouse &c.

4830

Quarters
included Assistant Apothecary
house, latrine & Godown

3300

erected at the back of the Bakery. This can stand over. When funds are available there is no proper room for the sifting until funds are at present the space is so limited that available. it is unsuitable for the purpose. As it is impossible to prevent sand &c. being mixed with the Bread material this is urgently required. Estimate approved by Commander in Chief, 14 May 1882.

Much wanted. the existing schools. Much needed. do not provide nearly enough accommodation. Approved.

Desirable - no proper Gymnasium. It is proposed that a Gymnasium is most desirable. a Banack Room in the Parade Banack be made available. O.G. No 161 of 10 January 1876. O.G. No 133 of 7 February 1876. O.G. No 1560 of 21 June 1876. O.G. No 4770 of 20 Sept. 1876. O.G. No 7517 of 15 Feb. 1878.

When funds are available.

When funds are available.

Most important that Stables should be provided with delay.

Estimate & Plan submitted and sanctioned in S.O. No 3066 of 2 December 1879. Recommended that some of the vacant Married Quarters be altered to meet requirements.

I concur.

The present latrines are very old, on an obsolete plan and most offensive. The necessity for new ones has been frequently urged for several years past. Estimate submitted last Feb. 1881. Much needed.

The Committee consider these most indispensable as it is necessary that one Apothecary and one Asst. Apothecary should live in the premises as close at hand when required. Very necessary. Much require.

	Family Quarters.	300	needed. -	
	Bathroom to Wash-houses	3120	Desirable - previously sanctioned. Very necessary. } Much require O.S. No 1172 of 11 June 1874. -	
Wellington.	Constructing a Female Hospital	15000	Desirable - a number of women at the Depot require Hospital accom- modation. -	Can stand over until funds are available. - When funds are avail- 280 I concur.
	Drainage pipes for the remaining Block, the same as No 5 Block. -	1800	Recommended in 1882. -	Very necessary
Ossoor	Rebuilding back line stables.	23000	Indispensable - an allotment will be wanted to complete the work which has been sanctioned. - O.S. No 1044 of 16 February 1880. -	Needed. - When funds are available
	Family Quarters enlarged for the 30 Regt. I. L.	3100	The Quarters now occupied by the Families 30 Regt. I. L. not near sufficient. More accommodation necessary. -	Approved.
Trichinopoly.	4 Latrines for the 30 Regt. I. L.	4800	4 Latrines of Port. Standard pattern required for the 30 Regt. I. L.	Approved.
	Stables for our Field Battery	21500		21500 Rs. is allotted in the year 1882-83 and final estimate are awaited. See O.S. D.P. No 1227 of 15 May 1882. - Most desirable
	Infectious Ward of Station Hospital.	5000	None exists and one to hold about 4 cases is very necessary. -	Recommended. When funds are avail-
Bellary.	Slaughter House and hanging shed for meat for Commissariat Department.	7210	First brought forward in 1877. This work is considered most desirable as being away with the present system of having the Cattle for the consumption of the European troops slaughtered in the Municipal Slaughter Houses and the carcasses taken into the town and hung up in the Contractor's house during the night. -	Recommended. When funds are avail- Rs. 7210 allotted in Budget Estimate for 1882-83. -

at a Battalion } 3242
 of the British Infantry

Bellary.

New Armourers' Shop of the Standard part
 of the Native Cavalry. } 2695

Master Quarter Office,
 Quarter, Putacannur,
 September 1882.

but Pookahs were con-
 structible. New Pookahs were
 commenced in 1878, but their con-
 struction was stopped owing to the
 restriction placed on expenditure
 in account of the recommendation
 of the Simla Commission, Pookahs
 of only half a Battalion are apparently
 needed. O.L. No 5829 of 1st Novr. 1878
 and 427 W of 11 February 1879.
 for 1882-83.
 Rs. 1758 required
 in 1883-84.

2880
 25

The present building is not suitable,
 there being an insufficiency of light.
 The building is however sufficiently
 spacious by the addition of another
 window and adding a portion for
 growing arms, it might be made
 suitable. The Sub. Engineer however
 after a careful examination reports
 that these recommendations cannot
 be carried out. -
 Recommended. When funds are available
 Sanctioned, but
 no funds allotted

John Hume
 Lieut. Colonel
 Offg. Quarter Master General

Military Major Works
for Public Works Budget
of 1883 - 84.

2590
27

my commitment needed.

15

Body Guard - Dispensary for Veterinary Department

Gun Powder Factory - Breaking down stone

1 Breaking down Drackies

1 Stone for the horse power engine and bridge

Arms Magazine 1 Wooden flooring and thorough repairs

Madras

Commissionariat Department - A detached godown for the storage of wheat with verandahs on both sides in Government Bakhry

The levelling of the Bakhry Compound and a system of drainage to carry off the washings of the Bakhry

Sinking a well, erecting a mount and trough apparatus. Public Cattle Depot.

St. Thomas Mount

Lavatories on the Standard Plan for the North Bannack
Lavatories on the Standard Plan for South Bannack

Pallavaram

Lathies for Station Infantry Regiment
An economic work shop required for Station Infantry Regiment

Pooramallee - Lightning Conductors on the New Hospital

Vellore

Small dead house (Standard plan) for Hospital 25 Regiment N. 33
Alternative
is - is - same plan, using cheaper materials, such as paper instead of lead, brick in mud instead of charans, reinforced instead of glazed windows etc. Basement to be raised 1 ft. instead of 2 ft.

of cost

13 00

5 00

11 00

8 00

9 50

8 00

2 00

2 00

24 00

8 20

18 00

8 55

5 40

reference to former appropriation, of Government Res

24 1/2

of District

Recommended

When funds

Recommended as being apparently portion of the sum for thorough renewal of Gun Powder Factory, vide items entered in List of Major works.

2570

Recommended as being a great necessity

Recommended

When funds are available

Recommended when funds are available

Recommended. These Bannacks have no proper lavatories

Recommended, but to be held in abeyance until it is decided into the hands of Pallavaram

Recommended

Very desirable

To be held in abeyance until it is found for what use Vellore is to be kept up as a Military station or not.

This is

Chennai

Bengalpur	Latrine for Guard Room
	Latrine house
Mangalore	Force trench and Capota to common workshop also a sewer as per plan & para 16 of G.O.C.C. No. 12 of 26 February 1974
Tralhapuram	At least shed required for the men to sit under at the Cook room which has been converted into a Coffee Room
	The present hospital latrine being too far off a new one to be built close to the hospital
Calicut	Introducing Dry Earth System
	Improved Ventilation in Lunatic Prisoners and Ophthalmic wards for the Station Hospital
	Removal of corrugated iron for the Surgeon's Mess
Cannanore	do do
	These latrines for the use of the men and families of the Station Regiment
	A shed for Military Cars for the Station Hospital

which patients in hospital can find easy access. A proper wall is therefore absolutely necessary - proposed in the year 1875 - Approved when funds are available			
90	There is no latrine for the use of the men of the Quarter Guard. A latrine is absolutely necessary as the men have to go up wards of a Quarter of a mile at present into the fields	Approved	App
500	Required a latrine house for the use of the Regimental School the present building (Regimental property) having fallen in and being otherwise unsuitable for the purpose	2500 25	Appro
500	Estimate sanctioned - This P.R.G. dated 12 December 1875 but the work has not been taken in hand pending Order from Government in the S.P.W.	Required for the purpose of the Garrison's shop	When funds
300	There is at present no shed cover area for the men and some thing of the kind is much needed	Recommended as temporary arrangement until the permanent buildings are erected.	Approve
94	The present is far away for sick patients as are very sick	Recommended unless new Barracks and Hospital are to be built	Approve
758	An important work	Not urgently required	Mon
350	Very desirable	Not required at present	When funds
250	Much required as there is no place at present near the mess to which the Hon. Comm. assigned Officers can resort especially required in the wet weather	Recommended	Appro
250	Required on sanitary grounds	Recommended	Appro
240	These latrines are absolutely necessary and a sum of Rs. 240 has been allotted for the work which will be undertaken by the S.P.W.	Recommended	App
20	Much required especially during the Monsoon it being considered necessary that the Drills should be drawn in the presence of a hospital orderly to prevent the possibility of adulteration.	Recommended	App

Bangalore

Bangalore

Agram Barracks Hospital - 5 Stables for the Medical Subordinates attached to Royal Artillery and Cavalry

Field Battery Royal Artillery - Cook house Sergeants' Mess and Quarters

Royal Artillery - Barracks stable for 3 Batteries

Royal Artillery - Agram Barracks - Kitchen shed

European Infantry - Keeping the Barracks from the Parade Barracks

Commisariat - 1 Coat shed 40 x 20

A high wall round the Compound Grain Garden

Servants' room to Staff Sergeants' Quarters

Shed for boiling Grain for Mules

A high wall round the straw yard

Quarters for Officers and Drivers - Floor of European Nos. Commissioned Officers' Quarters re-laid

Hospital Laboratory and instrument Surgery accommodation

South Station Hospital - Two stables for Horses

Native Infantry - Hospital Laboratory

Royal Horse Artillery - Latrine to Staff Sergeants' Quarters

Stone drains for Drainage yard and Lines

complete accommodation was as altered to that required not urgently wanted.

1000 These are much wanted. The subordinates now have temporary erections which are objectionable.

1970 Desirable Desirable When funds

1100 Estimate approved by Comd. in Chief 2 May 1882. Desirable Desirable When funds

Est. 1750 24 Dec 1882 16 May 1872. Desirable 2830 30 When funds

Est. 1320 24 3665 21 July 1876 } Desirable Necessary When funds
30 4383 30 Aug 1876 }
26 2611 26 Sept 1876 }
27 2732 11 Oct 1876 }

off Est. 2100 Desirable. Required for fuel of Boiling Engine Recommended When funds
2500 Desirable. There is only one wall which can be sealed at any point. Recommended When funds

1000 Desirable. These are much wanted Recommended Appr
off Est. 700 24 Dec 1747 13 May 1867. Desirable Reported to be requisite Recommended When funds

off Est. 1320 Desirable. Reported to be requisite Recommended When funds

off Est. 900 Desirable. Floor renewed Recommended When funds

off Est. 1000 Desirable Recommended When funds

860 Desirable. Entered in List 1882-83 Recommended When funds

off Est. 2000 Desirable Recommended When funds

2100 The present latrine is offensive and badly arranged. Their demolition and reconstruction on the standard plan was recommended last year by a board convened for the purpose of enquiring into the matter. The Dy. Surgeon Genl. was one of the members of the Board. Very desirable Recommended

1450 Estimate and plan submitted and sanctioned in G.O. No. 3066 2.12.79 but no funds allotted up to date. Much required to carry off water. Shaded Recommended When funds

Barracks

galore NW

Wellington

4th Regiment A.I. Labour for Huttling Lines

Enlarging school room

Supplying fire valves with brass and four cisterns to trained Quarters as there is no means of extinguishing a fire

Gymnasium

After flooring to Hospital Court

The fire hose to be immediately supplied with canvas complete at least as at present no means of putting out fire - also brackets to connect hose

The supply pipe to be increased from 2 to 6 inches at present the amount of water does not reach the trained quarters in the morning when it is being drawn off in the soldiers wash houses

Latrine room to be constructed to Nos. 1, 2, 3, 4 and 5 Bldg for Pay Sergeants

Compound wall and alterations to Barracks and Woodmen Commissariat Buildings

Drainage works near the Barracks

Constructing a line reservoir laying pipes between the springs on place of outlet of the spring water supply

Battery { After Peter Purchase for three Hospital Ambulances Transport

Considered by the Committee very desirable The best Quarters Master General will select the site

Very necessary

543

Necessary

When funds

2890

1100

Indispensable - Very necessary in case of fire - recommended in 1877 - recommended in 1882.

31

Indispensable

Re

2000

Strongly recommended by Medical Officer as a means of amusement and recreation to the men. Recommended in 1877 - recommended in 1882.

Required when funds are available.

Strongly

1945

CG No. 397 of 24 Aug. 1877. Sanctioned when funds are available. Recommended in 1882.

Not urgently required when funds

500

Recommended in 1882

Recommended

Recom

560

Recommended by Committee 1882

Urgently required

Very

2350

Recommended by Committee 1882

Needed

Very

1280

CG No. 545 - 24 August 1875. Desirable. recommended by the Comd. Officer.

May stand over

When

860

CG No. 1748 - 23rd July 1872. Desirable. Much wanted.

Recommended

Re

2070

CG No. 6809 - 22 Nov. 1876. Desirable

May stand over

Re

125

New Portables are much required in the Station Hospital. First brought forward in 1876 when the present portables were condemned

Recommended

Yes

Bellary

One 'Latrine' for 27th Regiment M. & I.

Two small Cook rooms for Hospital of 27th Regiment

School Room for 27th Regiment M. & I.

Latrine for the Cantonment of the Royal Artillery

Quartermaster General's Office
Head Quarters Calcutta
September 1882

500 One snialk but is not enough. The left wing is too far from this wing & it gives different seat accommodation at all times.

1200 This is much wanted for the use of the sick in Hospital. The present arrangement is unsatisfactory.

1000 This is too small for the numbers now in the school books. It is inconvenient in the matter of construction and unfit for its purpose. It is not a public building and the Regiment pays Rs 5 a month rent for it.

600 There is none and one is much wanted.

A latrine is much needed but Rs 1500 would build two houses for 40 or 50 men and their families.

Recommended

2580
32

Recommended

Not urgently needed at present.

Wm
C. M.

John Hume Lt. Col.
Offg. Quartermaster General

N 2590 N

PUBLIC WORKS DEPARTMENT.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

Under date the 4th October 1883 Read the following:—

From the Lt. Master General of the Army thro' the Military Department

SE No 1026 of 20th Sept 82
SE No 7760. 27th Do.

Ordered that the Schedule of Military requirements on account of Public Works under Buildings and Roads in the Madras Presidency for 1883-84 be submitted to the Govt. of India in the Military Department as directed in letter No. 283 P. G. date of 11th September from the Govt. of India

2 Orders of also that the list of Military Works estimate of to cost below Rs. 2500 each be printed and circulated to Superintendents

140 of 6
10
27 copies of docked work
107 copies of appendices

in view to the necessary plans
and estimates being prepared
in time to admit of the grant
that may be made for these
works in 1883. It is hereby stated
that no time should be lost
in the preparation and submission
of the necessary plans and
estimates for those sanctioned
works which have been entered
in the schedule, as no work
can find a place in the
outgoing Budget estimate for
which plans and estimates
have not been duly sanctioned.

Despatch
on 10.10.

N. E. No 259, 2/4 October 82

Copy of the above
forwarded to the Secy of India
in the Military Department

1-7 11-17
2-6
3-6
4-19
5-17 71
6-17 7
July Sept 15
Total 20 7 21
Secy
at the Secy's
4/10/82

Copy 1/10/82 259.82

2590
34

6538 Pm

Govt. of (1882) Madras.
PUBLIC WORKS.

Dated

5/10

Read

Read

G. O. 4th Oct. 1882, No. 2590 W.

2591 W.

No. 24526

Schedule of daily repairs
to the various works
Public Works.

Ordered that the
on account of Public
works under Building
Roads in the Madras
Providence for 1883-84
forwarded to the
J.

Do Do Do

on account of
works under Building
Roads in the Madras