Archives I – 10,006—16-8 77.

(1) Number of pages 34.

(2) Date of repair 23-10-86.

(3) Initials of the Referencer

TAMIL NADU ARCHIVES

GOVERNMENT OF TAMIL NADU

PUBLIC WORKS DEPARTMENT

G.O. No. 474.W
B.P. No.

Press.
~~Mis.~~

Dated 19-2-1879

~~197~~ .

2.5.

Not to be folded or roughly handled

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

19th February 1879, No. 474 W.

Buildings and Roads
Civil Works

Read the following papers:—

No. 147. Endorsement of the Acting Chief Secretary to Government in the Public Department, dated Ootacamund, 17th September 1878, No. 1,687.

From Surgeon-General G. SMITH, M.D., Indian Medical Department, to the Chief Secretary to Government, Public Department, dated Fort St. George, 14th September 1878, No. 505.

I HAVE the honor to submit a revised plan and estimate of a block of detached wards at the General Hospital, intended for the reception of cases of communicable disease, for the favorable consideration and orders of His Grace the Governor in Council.

2. The plan provides accommodation for a certain number of male patients suffering from small-pox, cholera, and other communicable diseases, for casual cases of cholera in female patients, for the required nursing staff, for an improved mortuary and *post-mortem* room, and for the arrangements necessary to secure the proper disinfection of foul linen. The estimate of cost amounts to Rupees 26,130. The plan has been drawn up by the Executive Engineer and Dr. Furnell.

3. The superficial area of the several wards amounts to 2,703 feet, which at 60 feet per bed will afford accommodation to 45, at 70 feet per bed to 38, and at 80 feet per bed to 34, patients. Allowing 80 feet per bed for small-pox and 70 feet per bed for other cases, the proposed sheds will accommodate about 38 patients in all.

4. The nurses' room has accommodation for four beds. A store room for contagious linen adjoins the nurses' room. The ward for small-pox patients may be divided into two compartments by a screen, so that when necessary European, can be separated from Native, patients. The cholera wards show separate accommodation for European and Native male patients. The ward for general diseases is intended for males and is available, as the other wards also are when zymotic diseases are not present, for such medical and surgical cases as suffer from communicable forms of disease. The necessary adjuncts of the block, such as cook-room and latrines, are indicated on the plan.

5. The present dead-house is small, inconveniently situated, and lacks those appliances which are necessary for the due examination of the dead, and these defects call for early remedy as they interfere with the necessary investigation into death causes and with the practical instruction of students in pathology. In the plan provision is made to remedy these defects. Efficient arrangements are also made for the disinfection of foul linen. This block of contagious sheds is urgently needed, and, as the plan has been duly considered in and approved by this office, I recommend its adoption by Government.

6. It is expedient to point out that the limited accommodation thus provided for cases of communicable disease in male patients signifies that it is intended to meet

the calls likely to be made on the General Hospital in seasons when cholera and small-pox are but partially prevalent, and that it is not calculated to meet more than the most pressing wants of the neighbourhood in seasons of severe outbreaks of epidemic disease. In seasons of widespread epidemic disease the General Hospital, like other Civil Hospitals in the town of Madras, can admit but a limited number of cases for treatment; such cases, in short, as for various valid reasons cannot conveniently be conveyed elsewhere. It is necessary that this be clearly understood and approved; otherwise the accommodation, if intended for the public at large, must be quadrupled.

7. In times of widespread epidemic disease such as cholera it will be necessary to have special hospitals manned by a separate staff, erected in Black Town and Triplicane, and when small-pox is prevalent to have a special and large hospital provided at a short distance from town, as during the late outbreak. The duty of providing these special hospitals will devolve upon the Municipality, the several Civil Hospitals lending their help to meet the wants of cases, which, for various reasons, cannot with safety be conveyed to the special hospitals.

TRANSFERRED to the Public Works Department for disposal.

(Signed) C. G. MASTER,
Acting Chief Secretary.

No. 147-A. From Major ROSS THOMPSON, R.E., District Engineer, Presidency, to the Chief Engineer, Buildings and Roads, dated Fort St. George, 31st October 1878, No. 4,518.

WITH reference to your memorandum, No. 4,710, dated 18th October 1878, I have the honor to submit a site plan of the General Hospital compound showing the position of the proposed with reference to the existing buildings.

No. 147-B. From Major S. C. CLARKE, R.E., Acting Superintending Engineer, Third Circle, to the Chief Engineer, Public Works Department, dated St. Thomas' Mount, 8th February 1879, No. 658.

WITH reference to your memorandum, No. 5,533, dated 9th December 1878, I have the honor to inform you that the adoption of the site selected by His Grace the Governor for the contagious disease wards attached to the General Hospital will involve no additional expense as regards the basement, as provision is made in the estimate for a new basement in lieu of the existing one which is considered not secure enough to build on.

2. In regard to the site for the dead-house it appears that Dr. Furnell, the Surgeon-Major, General Hospital, considers that occupied by the present old stables as the most eligible on account of its central and private position. The adoption of this site for the dead-house will involve the additional expense of removing the old stables (which are said to be in such bad order as to be liable to be blown down by any ordinary strong gale of wind) and of rebuilding them on another site with as much of the old materials as may be found serviceable, and also of forming new pathways, &c. The probable cost of this is estimated at Rupees 600 as follows:—

	Rs.
Constructing new pathways with six inches laterite metal	210
Removing old basement of contagious disease ward and forming floor to new stables and roadway to them.	140
Reconstructing stables with the old materials	250
Total ...	600

3. The sites for the dead-house and stables as proposed have been duly shown on the enclosed sketch plan received with your memorandum under reply.

No. 148. ORDER THEREON, 19th February 1879, No. 474 W.

SO MUCH of the estimate as relates to the contagious* disease ward, the cook-room† and passage in connection with it and the nurses' wards‡ is sanctioned for execution next year, when funds will be provided from the Reserve. The ward will be built on the site selected by His Grace the Governor.

*	Rupees	14,310
†	,,	1,660
‡	,,	4,130
		20,100

2. On the completion of the contagious disease ward, the question of the best site for the stables will be considered, that now proposed not commending itself to the Government.

3. The necessity for a new dead-house is in no way apparent.

4. This sanction has been registered as Provincial No. 184 B. of 1879.

(True Extract.)

(Signed) J. H. M. SHAW-STEWART, Col., R.E.,
Ag. Secy. to Govt., P.W.D.

To the Superintending Engineer, Third Circle.
,, Examiner of Public Works Accounts.
,, Public Department.

Exd. E. C. Shunker.
Spare Copies

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of [1879] Madras.

PUBLIC WORKS.

To

THE SUPERINTENDING ENGINEER,
THIRD CIRCLE.
&c., &c., &c.

Dated February 19th.

Issued

Read. Anst.

G. O., 13th February 1879, No. 474 W.

FEBRUARY.

Nos. 147-148.

Contingent Diets, Ward, Cook-room, and Storage in connection with it and the Nurses' Wards, General Hospital, Madras.—Sanctioning with remarks so much of the estimate as relates to the

Received 9/4/79 [illegible]

Circular

1774

Messrs Tho
Nelson and the Short
Nelson and the Short
[illegible] Messrs
[illegible] [illegible] Times
[illegible] [illegible] [illegible]
Should accept Tr Mundle
Bank Note Bill for
Sixty Pounds So as
[illegible] the Expence

Sea breeze — which
they will hardly be
on site just now —
it seems to me
that the small
additional expense
of a basement should
be obtained in such

a case

B.C. 4/12

4 Dec. 1877

Ground plan
attached

I have the honor to be
Sir
Your obt. Servt
B. Stewart Lieut
Engrs.

474
5

GP 12314

Read & accept W. Engrs
Inspection. & Insp's
D.E. for report. Attach
to that Memo will
Send the Memo also
from the Sanitary Inspector
Lib. [illegible]

Return to [illegible]
for information
[illegible]

Camp. Powder Mills.
16 January 1878.

No. 373.

To

The District Engineer
Presidency

Sir,

Enclo. 3
1. plan
1. Memo.
1. orgl letter.

1st With reference to your No. 5103 of the 4th Ultimo (The file now sent) I respectfully beg to draw your kind attention to the construction of the main building the Infectious Wards as proposed on the plan.

2nd I have obtained from the Senior Medical Officer (Dr. Forneth) all that is required regarding the accommodation for all the Buildings.

3rd I asked if a Thatch roof was necessary but it was disapproved on Account of danger from fire.

4th I beg to make the following Suggestions that Brick pillars be constructed instead of Iron columns, they will cost only about the same amount.

The.

The Iron Columns may be difficult to obtain and a long delay of the work caused through this.

2ᵈ an ordinary Coupled roof tiled with a ridge ventilator, could be much more readily constructed than an Iron roof.

The present design is not constructed or is strong enough to receive a tiled roof instead of a thatch roof.

I beg to suggest that the Pillars supporting the main roof be built square with wooden block for the purpose of attaching the side and screen Bamboo walls to, by this means these Bamboo walls can be easily removed any time for Repairs, Cleaning or disinfecting them without injury to the Pillars.

The Verandah Pillars to be round.

The above arrangements I believe is far better on Sanitary grounds as masonry Pillars can be cleaned by white wash but Iron Pillars would require to be washed with hot water and Soap an operation Coolies will not do until closely watched, and cost as much as white washing.

The Senior Medical Officer (Dr. Furnell) stated he left opinion as regards construction to you what was best. The site for each building has been fixed by Dr. Furnell.

I request your Orders and I will then submit revised plan and Estimate. If you wish I will come and Explain my suggestion in person.

I beg to Remain Sir,
Your Obt. Servt.
Sigd A. Pinnock.
Supervisor D.P.W.
In ch: of Northern Range

(True Copy)
Major R.E.
District Engineer P.C.

No 1 2

P/479/58

№ 505

Read the following papers:
Boulton Officiating 8

Office of Surgeon General Ind.
Fort St. George 14th September 1878.

From

Surgeon General George Smith M.D.
Indian Medical Department

To

The Chief Secretary to Government
Public Department

Sir

I have the honor to submit a revised plan and estimate of a block of detached wards at the General Hospital, intended for the reception of cases of communicable disease for the favorable consideration and orders of His Grace the Governor in Council.

2. The plan provides accommodation for a certain number of male patients suffering from small pox, cholera and other communicable diseases, for casual cases of cholera in female patients, for the required nursing staff, for an improved mortuary and post-mortem room, and for the arrangements necessary to secure the proper disinfection of foul linen. The estimate of cost amounts to Rs 26,130- The plan has been drawn up by

by the Executive Engineer and Dr Turnell.

3. The superficial area of the several wards amounts to 2703 feet which at 60 feet per bed will afford accommodation to 45, at 70 feet per bed to 38, and at 80 feet per bed to 34 patients. Allowing 80 feet per bed for small pox and 70 feet per bed for other cases the proposed sheds will accommodate about 38 patients in all.

4. The Nurses room has accommodation for four beds. A store room for contagious linen adjoins the Nurses' room. The ward for small pox patients may be divided into two compartments by a screen, so that when necessary European can be separated from Native patients. The Cholera wards show separate accommodation for European and Native male patients. The ward for general diseases is intended for males and is available – as the other wards also are when zymotic diseases are not present – for such Medical and Surgical cases as suffer from communicable forms of disease. The necessary adjuncts of the block, such as cook room and latrines, are indicated on the plan.

5.

474/9 R2

5. The present dead house is small, inconveniently situated, and lacks those appliances which are necessary for the due examination of the dead, and these defects call for early remedy as they interfere with the necessary investigation into death causes and with the practical instruction of students in pathology. In the plan provision is made to remedy these defects. Efficient arrangements are also made for the disinfection of foul linen. This block of contagious sheds is urgently needed, and as the plan has been duly considered in and approved by this office I recommend its adoption by Government.

6. It is expedient to point out that the limited accommodation thus provided for cases of communicable disease in male patients signifies that it is intended to meet the calls likely to be made on the General Hospital in seasons when cholera and small pox are but partially prevalent, and that it is not calculated to meet more than the most pressing wants of the neighbourhood in

in seasons of severe outbreaks of Epidemic
disease. In seasons of widespread Epidemic
disease the General Hospital, like other
Civil Hospitals in the town of Madras,
can admit but a limited number of
cases for treatment, such cases, in short,
as for various valid reasons cannot
conveniently be conveyed elsewhere.
It is necessary that this be clearly
understood and approved otherwise
the accommodation, if intended for the
public at large, must be quadrupled.
In times of widespread Epidemic
disease such as cholera it will be
necessary to have Special Hospitals
manned by a separate staff, erected
in Black Town and Triplicane, and
when small pox is prevalent to have
a special and large hospital provided
at a short distance from town, as
during the late outbreak. The duty
of providing these Special Hospitals
will devolve upon the Municipality,
the several Civil Hospitals lending
their help to meet the wants of cases,
which, for various reasons, cannot with
safety

safety be conveyed to the Special Hospitals.

I have the honor to be
Sir
Your most obedient Servant
Jno Shortt M.D
Surgeon General I.M.D.

No. 4518.

A14. 11 125

From,

The District Engineer,
Pescadores.

To,

The Chief Engineer,
Roads and Buildings.

Sir,

With reference to your Memo No 4710 dated 18th October 1878, I have the honor to submit a site plan of the General Hospital compound, showing the position of the proposed with reference to the existing buildings.

I have the honor to be
Sir,
Your most obedt servant,

W. Rumsey Major RE
District Engineer
Pescadores.

Enclosure
one plan

Fort St George.
31st October 1878.

Ent.
41

No 1687.

Transferred to the Public Works Department for disposal.

E Quaeter
Asst Quartermaster General

Returned
17. September 78.
to the Public Works Department.

Public Works Department
From Lieut. Colonel R. Thompson R.E.
Chief Engineer & Surveyor General
To Brevet Major
Chief Engineer Pescadores

No 1979
Rec'd 23 Sept 78

Submitted for orders
A series of plans and estimate for the Hospital Barracks &c at the Pescadores is attached hereto with a letter to the Secretary of State for War dated 20th September 1878 which please return when done with

Lieut Colonel
Chief Engineer

* 1 Plan
1 Estimate Estimate
1 Specification
3 Ref to the S.E. of Conde
@ 102.581 dft. 26-3-79

Ent No 710 of 18 Oct 78

Recd 19 Feby 79 No 474 Fr

To Cert 8-10-78
Cpd 10-10-78 Ret'd 18.10.78.
D-L. Sheet 72- 3 Sept 79

P.W. 1878 2nd

No: 12314

Roads and Buildings.

From.

The District Engineer,
Presidency.

Rec'd 19-2-79 No. 474 Tr

No. 4518.

Dated 31st Oct. 1878.

Recd. 1st Nov 1878

Ck. No 2710 dt 18 Oct 1878.

No. of Encls: One.

To Lt. Col. the Hospitals
Rep to S.E. P.C. vide
C No 264/179 - 26-3-79

General Hospital.—

Submits a site plan.

of the — compound.

—

Ba 18-11-78.

3rd Circle 1878 79

No. 658

Chief Engr. Superintending Engineer's Office,

Saint Thomas' Mount, 8th Feb: 1879.

From

THE SUPERINTENDING ENGINEER,

Chief Engr. 3rd Circle

To

The Chief Engineer
Public Works Department

Sir,

Enclosure
1. Plan

With reference to your Memorandum No. 55 33 dated 29th December 1878, I have the honor to inform you that the adoption of the site selected by His Grace the Commander-in-Chief for the Contagious Diseases Wards - not for the Lock Hospital - attached to the General Hospital will involve no additional expence as regards the basement as provision is made in the Estimate for a new basement in lieu of the existing one which is considered not secure enough to build on.

2. In regard to the site for the Dead House it appears that Dr Furnell the Surgeon Major General Hospital considers the one occupied by the present old stables as the most eligible on account of its central and private position. The adoption of this site for the Dead House will involve the additional

dditional expense of removing the old
tables (which are said to be in such
ad order as to be liable to be blown
wn by any ordinary strong gale of wind)
d of rebuilding them on another site
ith as much of the old materials as may
found serviceable and also of forming
w pathways &c. The probable cost
this is estimated at Rs 600 as follows:—

Constructing new pathways with 6" Laterite metal ———	210
Removing old basement of Contagious Disease ward and forming floor to new stables & road way to them ———	140
Reconstructing Stables with the old materials ———	250
	600

The sites for the Dead House
d stables as proposed have been
ly shown on the enclosed sketch
lan received with your Memo under
eply.

I have the honor to be
Sir
Your most obed Servt
H Chimmo Major R.E.,
Ag Supg: Engineer, 3 Circle

From the Supt. Engr. S.C

C-E 4710-18-10-78
5533-9-12-78.

Rec'd 17-2-79 No 470 F

No 658.

Letter from the Supt. Engineer, Third Circle,
No 658 dated 8th Feb/79.

FOR ORDERS.

dated 8th Feb/79

E A and Sec'y
Secy to Govt to see

10 Feb 1879.

I would decide on keeping
the Plan site for Cont. Diseases Ward
I do not think the proposed site for
Shelter good - but that can be
arranged after Cont. wards built
& I do not see necessity for dead House
at all Pbl 12/2

× 1 Plan with S.E. SC.
vide C 2-2541/79 dt 3/79

Encl × 1 Plan

Site for the Contagious
Diseases Ward General
Hospital — Informs
that the adaption of the
— will involve no
additional expense as
regard the basement —

Rec'd 10-2-79 Pbl 12/2

FOR ORDERS.

Public Works Department.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

Under date the

Read the following :—

Endorsement of the Public Depart^t^ } (No. Dec^r^ 1687 dy 17th Sept^r^ 78.)

The ~~plan~~ estimate forwarded with D^o^ Smith's letter, providing for the construction of a line of wardo, with quarters for Europeans, and of a dead-house, in connection with the General Hospital, have been reviewed in the Chief Engineer's office to Rs 24,340-

The Government sanction the Plan and Estimate as revised, and direct that the work be entered in

Cir 10-2-39 R 45/2

10-2-79 R 18/2

in the Budget of 1879-80,
if this is practicable.

627 15/10 [illegible]
9-10-79.

Read

Sd/- P. 1478-79-

D.E. Presidency
Exec. P.W. Accts
Public Departts

To Addl 2-10-79

Cir 10-10-78 Rtd 18-10-78
D.n. Sheet-72 Septr

10-2-79 [illegible]

474
76 B&R
Answered

No. 474 W Public Works Department.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

UNDER date the 19th Feby 1879.

Read the following :—

From the Public Dept. (B.R. No 1687 3717 Septr 1878
" the Govt Presidency (— 4578 of 31st Oct/78
" the Govt Third Circle (— 658 of 8th Feb/79

	Rs.
+	14310
o	1660
	15,970
÷	4130
	20100

So much of the estimate as relates to the contagious disease ward, and the Cook room and passage in connection with the Nurses' wards for execution next year when funds will be provided from the Reserve. The ward will be built on the site selected by His Grace the Governor.

On the completion of the contagious disease ward, the question of the best site for the stables will be considered.

[illegible]

Dept. of 1879 Madras.

PUBLIC WORKS.

To

Dated

Issued

Rcvd.

Encl.

G. O. 19 Feby 1879. No. 4746

Nos. 147-148

Centuziono discuse anord,
Cookroom & passage in
connection with it, and
the nurses wards. Hospital Wards. —
Sanctions with remarks
& much of the estimate
as relates to the —

Ento

60-2-79 2M½