Archives I 10,006—16-8 77.

(1) Number of pages 34

(2) Date of repair Dec. 86.

(3) Initials of the Referencer [illegible]

TAMIL NADU ARCHIVES

GOVERNMENT OF TAMIL NADU

P.W.D. DEPARTMENT

G.O. No. B.P. No.	2429 W.	Press. Mis.
Dated	25.9.1879	197 .

Not to be folded or roughly handled

2429
1

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

25th September 1879, No. 2,429 W.

Buildings and Roads.
Civil Works.

Read the following papers :—

✓ No. 58. From Superintending Engr., Fourth Circle, dated 27th May 1879, No. 325.
✓ No. 59. „ „ „ „ „ 29th July „ „ 491.
✓ No. 60. „ „ „ „ „ 10th Sept. „ „ 574.

No. 61. ORDER THEREON, 25th September 1879, No. 2,429 W.

THE plan and estimate amounting to Rupees 8,865 for additions and improvements to the Lunatic Asylum at Calicut are sanctioned for execution when funds are available.

2. This sanction has been registered as Provincial No. 54 B of 1879-80.

(True Extract.)

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

To the Superintending Engineer, Fourth Circle, with Plan, Estimate and Specification.
„ Examiner of Public Works Accounts, with Abstract Estimate.
„ Public Department.

Exd. S. T. Austin.
Spare Copies

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of [1879] Madras

PUBLIC WORKS.

No.

To

The SUPERINTENDING ENGINEER,
FOURTH CIRCLE,
&c., &c., &c.

Dated September 25th.

Issued

Recd.

Recd.

G. O., 25th September 1879, No. 2,[illegible] W.

SEPTEMBER.

Nos 58-61.

Lunatic Asylum at Calicut.—Sanctions for execution when funds are available the plan and estimate for additions and improvements to the

---

No 175 Calicut Divisional Office
Calicut 14th July 1879.

From
The Executive Engineer
Calicut Division

To
The Superintending Engineer
Fourth Circle

Sir,

I have the honor to forward herewith a revised Estimate for making additions and Improvements to the Lunatic Asylum, Calicut, amounting to Rupees 8,865-0-0 prepared agreeably to the Instructions conveyed in Memo. No. 2215 of the 12th ultimo forwarded with your Endorsement No. 176/M.L of the 26th.

2° When at Cannanore I tried an experiment with shell lime and Soorkee, but found the Mortar was very little tougher than that made with sand. I have therefore increased the rate for Soorkee plaster sufficiently to allow of Kunkur Lime used instead.

I have &c.

(Signed) H. Bailey Captain
Executive Engineer

True

(True Copy)

A Mussell.

for Superintending Engr. 4 Circle.

2429/3

P.W.D.
31 JUL 79
No [illegible]

In a letter No: 491 dated 29th July /79 from the Supg Engineer 4th Circle.

2899/H

G O No 7427w of 1879

Copy of letter No. 175 of 4th July /79 from the Executive Engineer Calicut Dn

No. 232 6600

2429/5

GOVT. OF MADRAS. } 1879. { P. W. DEPT.

SECRETARY.

P. W

Fort St. George, 18th September 1879.

OFFICE NOTE

To

W,

G.O. No 2428 W of 1879

OF 187

The draft G. O. with Estimate as revised in accordance with your instructions is herewith resubmitted.

The Estimate has been countersigned by the Surgeon General. I. M. D.

Dy. W.

End 14.9

Y. Ody 18-9

Supt. Engineer & Direc

To Lt W Huddleston

For approval

20/9/79

Assent

22/9

9H9/6

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

13th January 1879, No. 176 W.

Buildings and Roads.
Civil Works.

Read the following paper:—

No. 155. Endorsement of the Acting Chief Secretary to Government in the Judicial Department, dated Madras, 10th January 1879, No. 45.

From Surgeon-General G. SMITH, M.D., Indian Medical Department, to the Chief Secretary to Government, Judicial Department, dated Fort St. George, 11th December 1878, No. 684.

I HAVE the honor to submit, for the consideration and orders of His Grace the Governor in Council, a letter from the Superintendent of the Lunatic Asylum, Calicut,* specifying certain improvements in and additions to the buildings and enclosures of the institution, which are considered necessary for the efficient administration of the Asylum and for the comfort and welfare of the patients. It will be observed that the official visitors endorse Dr. Roberts' suggestions with their approval, and the Deputy Surgeon-General of the circle, after a careful inspection of the premises, concurs in the necessity for the improvements. I now submit the proposals to Government not with any expectation that the works will be immediately carried out, but with the view of their being considered and estimates framed so that they may be proceeded with immediately when funds become available.

* No. 32, of 13th July 1878.

2. I have carefully considered the whole of the proposals, and so far as can be judged without a personal examination of the premises they all seem necessary and not extravagant. The only item regarding which I entertain any doubts concerns the erection of a new cook-room mentioned in paragraph 8 of Dr. Roberts' letter, as the ground plan, herewith forwarded, shows a cook-room in each enclosure. On further inquiry it has been ascertained that the existing cook-rooms are small huts, and that it has been found economical and convenient to carry on the whole of the cooking in one place, viz., in the hospital cook-room. This building has been found inadequate and inconvenient; hence the proposal to erect another cook-room of dimensions sufficient for the requirements of the whole institution.

From Surgeon-Major W. H. ROBERTS, M.D., Superintendent, Lunatic Asylum, Calicut, to the Deputy Surgeon-General, Indian Medical Service, Southern District, Malabar and Canara, dated Calicut, 13th July 1878, No. 32.

As directed in your No. 1,718, of 29th June 1878, I have the honor to submit the following report on the Calicut Lunatic Asylum:—

It may be premised at starting that the construction of the Asylum buildings is in many respects faulty, and in the actual building of them the work suffered from two causes—(*a*) the using of bad materials, to wit, laterite and chunam, and (*b*) the effects of weather on such work; for this Asylum was nearly completed, all but roofed, or more correctly speaking tiled, when the years of "deficit" occurred, and during these years the untiled buildings were exposed to the heavy rains of the monsoon and the sun of the hot months. These circumstances have been alluded to in former reports.

For the Criminal Enclosure or Jail.

1. A well with platform and cistern is absolutely necessary.

2. A shed for work or recreation; the two spaces between the three wards now allotted and used for these purposes are insufficient; a loom is in one, and the bedding is put out to air in the other.

3. The bath-rooms should have a plank ceiling; this has been sanctioned and is now in hand.

4. The walls of the wards should be plastered smooth with fine and hard chunam; this will protect the bad material of which these walls are built, and prevent patients from picking the walls down with their fingers—a feat but too easily accomplished as they are at present.

5. The eave ventilation of these wards should be closed and the ridge roof ventilation substituted, and the roofs should have a plank ceiling for at least 8 feet from the wall plates. This would prevent the doing of what now not unfrequently occurs. A patient climbs up the door, the bars of which unfortunately are ladder-like, then clambers on to the top of the wall, where the space left for ventilation gives him room enough to perch himself; from this position he amuses himself by throwing off all the tiles within arm's reach, and if so disposed breaks a reeper or two and makes his escape through the roof.

6. The verandahs should be asphalted.

7. The entrance gate should have a Chubb-lock.

8. The nine refractory rooms should have nine Chubb-padlocks.

For the Civil, Enclosures, Male and Female.

The same recommendations apply, that is to say the bath-rooms should be plastered and have wood ceilings, the walls of the wards should be plastered and the roof planked for some 8 feet from the wall plates and ridge-roof ventilation in lieu of eave ventilation, the verandahs should be asphalted and a shed for work or recreations built.

For the Asylum generally.

The following are urgently required :—

A cook-room ; at present the food is cooked in the cook-room belonging to the hospital proper ; this is too small and in many respects inconvenient.

Another well. The water-supply in the hot months is very deficient.

Two more night warders; the two now on duty nightly are insufficient.

A gate at entrance and gate peon.

A gong.

A Clerk or Steward to assist the Hospital Assistant in the clerical work of the Asylum which is very heavy.

WE concur in these recommendations. Perhaps the ceiling could be so put on as not to necessitate ridge ventilation.

(Signed) W. LOGAN.
(Signed) ——— ———,
Surgeon-Major.
(Signed) H. WIGRAM,
Acting District Judge.

APPROVED and transferred to the Public Works Department in view to the necessary plans and estimates being called for.

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

No. 156. ORDER THEREON, 13th January 1879, No. 176 W.

COMMUNICATED to the Superintending Engineer, Fourth Circle, who will submit plans and detailed estimates for the work.

(True Extract.)

(Signed) E. A. FOORD, Colonel, R.E.,
Secretary to Govt., P.W.D.

To the Superintending Engineer, Fourth Circle.
„ Judicial Department.

Exd. C. Howarth.
Spare Copies

2439/7

E Montgomerie
Supg. Engineer's Circ

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of [1879] Madras.

PUBLIC WORKS.

To

The SUPERINTENDING ENGINEER,
FOURTH CIRCLE,
&c., &c., &c.

Dated January 13th,

Issued

Recd.

Encl.

G. O. 13th January 1879, No. 176 W.

JANUARY.

Nos. 155-156.

Lunatic Asylum at Calicut.—The Superintending Engineer, Fourth Circle, to submit plans and detailed estimates for certain improvements to the —

No. 491

SUPERINTENDING ENGINEER'S OFFICE,
4th Circle.

Camp Coimbatore 29th July 1879

2419/8

From,

THE SUPERINTENDING ENGINEER,
4th Circle.

To

The Chief Engineer D.P.W.
Madras.

Sir,

+ Rupees 8865

ENCLOSURES

- 1 Plan
- 1 Abstract Estimate
- 1 Detailed do.
- 1 Specification
- 1 Copy of letter.

5

I have the honor to resubmit+ Plan and Estimate revised in accordance with the instructions contained in your Memo: No. 2215 dated 12th June 1879, for making additions and improvements to the Lunatic Asylum at Calicut.

2. A copy of the Calicut Divisional Officer's letter No. 175 dated 14th July 1879 explaining the reason for increasing the rate for Roorkee plaster is forwarded herewith.

I have the honor to be
Sir,
Your Most Obedient Servant.
E. Montgomerie
Supg. Engineer 4th Circle

Ur 2215 - 12.6.79
Go. 13.1.79 - 176 W.

P.W.D.
31 JUL 79
No.

From

The Supg. Engineer,
Fourth Circle.

GO W 2429 Nov 1879

Dated 29th
Recd 31st July /79

No. 491
Enc: 5

Lunatic Asylum at Calicut:-

Resubmitting revised Plan and Estimate &c for making additions and improvements to -

57

Cir 22.9.79. Retd 23.9.79.
To Octr 1879

No. 504

Calicut Divisional Office
Camp Beypore 10th March 1879-

From,
The Executive Engineer
Calicut Division

To,
The Superintending Engineer
1st Circle -

Sir,

Enclosures
1 Plan
1 Abstract Estimate
1 Specification

I have the honor to forward herewith the Plans and Estimate amounting to Rs 12,370 for making additions and improvements to the Lunatic Asylum Calicut as Called for in G. O. No. 176 W of the 13th January 1879, and your endorsement No. 130 dated 31st Idem.

The gates and the Ceiling to Bath rooms have been Carried out under other Estimates.

The Planking under the rafters does not interfere with the ventilation of the buildings, tho' full depth of the rafters being still available for ventilation -

You will see that Portland Cement plaster has been allowed for entirely, instead of an outer Coating, as you suggest, but the shell lime of this Coast makes

such

such very poor plaster that I think it would be a mistake to use it, as if once the smallest break occurred in the outer Coat of Cement plaster, there would not be the slightest difficulty in peeling of the rest; the shell chunam plaster having so very little tenacity while with plaster entirely of Cement mortar, there would still be the difficulty of stripping it off the stone.

I have &c.
(Signed) H. Bailey Captain
Executive Engineer
Calicut Division

No. 225

True Copy – Submitted to Government with reference to G. O. No. 176 w dated 13th January 1879.

Coimbatore
27th May 1879

Allen

For Supg. Engineer 4th Circle

G.O. No. 176 W. 13-1-79

From
The Supg Engineer
4 Circle
To
The Chief Engineer
P.W.D.

G.O. No. 2429 7/7/79

No. 325
Dated 27th May 1879

Enclosures 3

3 retd. by
Memo. No. 2215
Lunatic Asylum Calicut
Addition & improvement to
Copy of Calicut Ex.
officer's letter No. 504
for ——— Submitted

58

to Coty 18-9

2429
11

Memo

D/W

This Estimate should be revised providing Soorkhee mortar and plaster throughout. The Portland cement plaster forms an extremely large item and so far as I can judge the Ex: Engineer either is unacquainted with or does not wish to bring into practice the valuable experiments made by Dr. Nicholson and which were I believe circulated for the information and guidance of the Dept.

¶ I have no desire at once to introduce radical changes in the forms in which Estimates are sent up, but I cannot help remarking

-Brief that there is no "report" as ordered by the Code explaining fully the history as also the objects & reasons for both the accommodation to be provided and the professional details —

Nor after actual measurements are given nor either the calculations or authorities for scantlings of timber rates of work &c.

6/6/79

resubmit and [illegible]

accepted [illegible]

accordingly [illegible]

No. 574

Supg. Engineer's Office 4th Circle
Coimbatore 10th Septr /79.

From.

The Superintending Engineer
~~4th~~ Circle

To.

The Chief Engineer
P. W. Department.
Madras.

Sir,

Enc: 3.
2 Estimates
1 Specification.

With reference to your Memorandum No. 2684 dated 6th Ultimo, I have the honor to resubmit the Estimate and Specification for additions and improvements to the Lunatic Asylum at Calicut with the approval and Countersignature of the A: Surgeon General Indian Medical Department.

I have the honor to be
Sir,
Your most obedient Servant.

C. Mussell.
for Supg. Engineer 4th Circle

P.W.D.
13SEP79
No. 6603

From

The Supdg. Engineer
Fourth Circle.

G.O. No 2429 of 1879

Dated 10th
Recd. } Septr. 1879.

No. 574.

Enc: 3.

Lunatic Asylum at Calicut—

Resubmitting Esti=mates &c. for additions and improvements to—

6.

Cir 22.9.79 Rtd 23.9.79
To Cty 18.9—

No. 2215 d/12th June/79. P.W.D.

Memorandum JH 9/13

From the Supdg. Engr. Fourth Circle
No. 325 dated 27th May 1879.

The Plan & Estimate for making additions & improvements to the Lunatic Asylum at Calicut are returned with the following remarks—

Soorkee Mortar, & plaster should be provided throughout instead of Portland Cement— Attention is invited to Chief Engineers Circular No. 1823 dated 14 May 1879 regarding the recovery of damaged cement. A detailed Estimate should accompany the revised estimate now called for.

(By Order)
(Sd) J.P.

Supdg. Engr. Fourth Circle with enclosures

No. 2429 W.

Note of Remarks

JHS 1/8

The Estimate with plans & specification, submitted by the Supg. Engr. [illegible] Circle for additions & improvements to the Lunatic Asylum at Calicut amounting to Rs 8865 or Rs 3505 less than the Estimate Rs 12370 originally submitted has been revised in accordance with the instructions contained in Civil Engr's Memo No 2215 dated 12th June 1879.

The Estimate has been checked & found correct.

The Rates more or less agree with the District Schedule.

The Estimate has not been countersigned by the Civil Surgeon in charge.

JH 5/8/79

5/8

No. 24294.

C No. [illegible]

Note of remarks.

Additions & improvements to the Lunatic Asylum at Calicut —

Malabar District

4th Circle

Orgl. Estt Rs. 12370

Revd do 8865

Saving Rs 3505

5/8/79

No. 2685 d/ 6 August 79

Memorandum.

Letter from the Supg Engr Fourth Circle No. 491 dated 29th July 1879.

The Estimate & Specification for Additions & improvements to the Lunatic Asylum at Calicut Amounting to Rs 8865 received with the letter above quoted are returned to the Supg Engr with a view to the approval ~~of the Civil Surgeon in Charge~~ x or in lieu thereof of the Senior medical authority, being obtained to the same.

To The Supg Engr
Fourth Circle

5/8/79

Letter from the Supdg Engr Fourth Circle No 491 dated 29th July 1879

C. No 5641.

Memorandum.

The Estimate & specification for the additions & improvements to the Lunatic Asylum at Calicut amounting to Rs 8865, received with the letter above noted, are returned to the Supdg Engr [illegible] ~~[illegible]~~ [illegible] to the [illegible].

To the Supdg Engr Fourth Circle.

Additions & improvements to the Lunatic Asylum at Calicut
Malabar District
4th Circle

Orig. Estt Rs	12,370 - -
Revd - do -	8,865 - -
Saving Rs	3,505 - -

C. No 2685 W
5/8/79
Aug 79

Copy

No 2429 W.

Public Works Department.

PROCEEDINGS OF THE MADRAS GOVERNMENT
UNDER date the 25 Sept/79
Read the following:—

From

The Supdg Engr Fourth Circle } (No 325 d/ 27th May/79)
(Do No 491 d/ 29 July 1879)
(Do No 574 d/ 10 Septr 1879)

quote Nos and date

The plan and estimate amounting to Rs 8865 for additions and improvements to the Lunatic Asylum at Calicut are sanctioned for execution when funds are available.

4/4

Ex. 27/9

S.E. Fourth Circle with plan estimate and specification

Exr. P. W. Accts. with abs estimate

Public Dept.

This sanction has been registered in Provincial No. 54 B 4.6 of 1879-80.

Despatched
1-10. 9th

Hon W Hustler Ca

2409
/17

L Raly 18-9

2409
/17

Cn 6600

Govt. of {1879} Madras.

PUBLIC WORKS.

9

To

Dated

Issued

Recd.

Encl.

G. O., 25 Septr. 1879, No. 2429 W

Nos. 58-61

Lunatic Asylum at Calicut Sanction for execution when funds are available the plan Estimate for Additions and improvements to the