Archives I—10,006—16-8 77.

(1) Number of pages 32

(2) Date of repair 21.11.86.

(3) Initials of the Referencer

TAMIL NADU ARCHIVES

GOVERNMENT OF TAMIL NADU

Public works DEPARTMENT

G.O. No. 2434 W.
B.P. No.

Press.
Mis.

Dated 25-9-1879. ~~197~~.

S.G.M.

Not to be folded or roughly handled

2434/1

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

25th September 1879, No. 2,434 W.

Buildings and Roads.
Military Works.

Read the following paper :—

No. 62. Note by the Chief Engineer, dated 21st August 1879, on endorsement from the Superintending Engineer, Fourth Circle, dated 6th August 1879, No. 507.

No. 63. ORDER THEREON, 25th September 1879, No. 2,434 W.

THE Chief Engineer brings to notice the imperfect arrangements of the water-supply, and the defective state of the urinals, at the Lawrence Asylum, and submits for sanction two estimates, amounting to Rupees 2,400 and Rupees 330.

2. The first of these estimates provides for such needful alterations in the cisterns and pipes of the water-supply as will reduce the number of days on which the engine will have to work. It has been calculated that the outlay will effect a saving of Rupees 30 a month, as well as rectify the present system, which is subject to constant derangement.

3. His Grace the Governor in Council resolves to sanction this estimate, subject to such revision as the Chief Engineer may consider desirable, as also that for improving the urinals, for immediate execution, the necessary funds being provided from the Military Reserve at the disposal of Government.

4. At the same time the Chief Engineer proposes that in future the Principal of the Institution shall carry out all petty repairs under sanction of the Executive Engineer, who will furnish him with an imprest not exceeding Rupees 50, which amount is considered sufficient for a month's expenditure.

5. The late Principal of the Asylum assented to this proposal, and as the Government cannot doubt that the present direct intervention of the Executive Engineer is unnecessarily cumbersome, they approve of the introduction of the new system.

6. The sanctions accorded in paragraph 3 have been registered as Imperial and numbered as follows :—

Estimate Rupees 2,400, Register No. 21-1 } B of 1879-80.
Do. „ 330, „ „ 21-2 }

(True Extract.)

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

To the Superintending Engineer, Fourth Circle, with two Plans and Specification.
„ Examiner of Public Works Accounts, with two Abstract Estimates.
„ Educational Department.
„ Military „
„ Committee, Lawrence Asylum.

Exd. S. T. Austin.

Spare Copies

BUILDINGS AND ROADS.
MILITARY WORKS.

Govt. of (1879) Madras.

PUBLIC WORKS.

To

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

Dated September 25th, 1879.

Issued

Recd. Enl.

G. O., 25th September 1879, No. 2,434 W.

SEPTEMBER.

Nos. 62-63.

Lawrence Asylum, Ootacamund.—Sanction with remarks, for immediate execution th estimates for certain alterations in th cisterns and pipes and improvements to t urinals at the —, and provides the necess funds.

Lawrence Asylum

30th April 1879

My Dear Sir 2434/2

In accordance with your request I have the pleasure to give you the information you require, regarding the water supply &c of this Institution.— The monthly cost for working the Engine for pumping water is calculated to be over Rs 45 This includes. wood wages. supervision repairs &c. Some years since the District Engineer had the management of the water supply and charge of the Engine, and for which he was paid Rs 50 monthly I do not consider that it can be worked more for less

(2) The filter cistern is capable of holding 2500 Gals of water. The three reservoirs on the platean

will contain 7560 Gallons, this being just 3 times as much as the filter cisterns can supply

I calculate that for each person 3 1/2 gallons of water per diem are required.

Viz. 1 gallon for washing
1 Do " cooking
1 Do " drinking
1/2 Do " Waste

Thus for 400 inmates the quantity required would be 1400 gals per week were the filter cistern enlarged so as to contain 8000 Gals We then could fill the three reservoirs once in 6 days. which would be an ample supply of water according to the calculations made above

3 I calculate that a contingent allowance of Rs 50 per month will be sufficient to meet the charge for minor repairs to these buildings

2434/3

I beg to remain
My Dear Sir
Yours faithfully
(sd,) B. Deis. Principal
L. A.

Col. Sankey R.E.
Secy to Govt.

True Copy

J. L. L. Morant
Major R. E.
Executive Engineer

Ootacamund
May 1879

G.O. 25-9-79 No. 2434 Tr.

Executive Engineer's Office
Ootacamund 5th May 1879

No. 211

$\frac{2434}{4}$

From

The Executive Engineer
Nilgiri Division

To

The Superintending Engineer
4th Circle
Coimbatore.

Sir

Herewith submitted

Check estimate
send to S.E.
[illegible]
[illegible]

Checked

I have the honor to reply to letter from the Chief Engineer No. 6 dated 28th April 1879 endorsed by you No. $\frac{A}{D}$ of the 30th Idem regarding the petty repairs to and the water Supply and Urinaries of the Ootacamund Lawrence Asylum (Male Branch).

2. With regard to paras 2 and 3 of the Chief Engineer's letter, I have the honor to inform you that the Amount of imprest in the hands of the Principal of the Lawrence Asylum should be Rupees 50 -- -- ; and that his monthly outlay on the petty items indicated should not exceed Rupees 50 -- --. To this the Reverend O. Dene consents. It will I submit be necessary that the Reverend Principal should be

instructed

instructed to account to this Department for his expenditure according to the Public Works Code.

3. With regard to the Chief Engineer's 4th para, I have the honor to invite perusal of the accompanying copy of a letter to the Chief Engineer from the Reverend O. Dene. In accordance with the calculations made in that letter I append an Estimate amounting to Rupees 2,260-.-. for enlarging the present filters &c to three times their present size, and for rearranging the supply pipes on the plateau in order that pumping may be required only three times in every fortnight. The saving in fuel, wear and tear of Engine and in Establishment would thus be about Rupees 30-.-. per mensem to the funds of the Institution; the probable monthly cost of the present system being Rupees 45-.-. per mensem as paid by the Institution.

4 With regard to his 5th para. I have the honor to submit for sanction and provision of funds a Plan and Estimate, the latter amounting to Rupees 305-.-. for improving the present Urinaries in the manner pointed out by Colonel Sankey. 2434/5

I have the honor to be
Sir
Your most Obedt Servant
Morant Majr R.E.
Executive Engineer

C.E. No. 6 d/ 28th April 1879.

Encl. to letter No. 336 of 29 May/79.

From

The Executive Engineer
Nilgiris

To

The Supdg Engineer
4th circle
Coimbatore

No. 211

Dated 15th May 1879

Enclosures 4

Petty repairs to and the water supply and urinaries of the Ootacamund and Lawrence Asylums (Male Branch) - replies letter from the Chief Engr endorsed by his memo No. A/D of the 30th April 1879.

2434/6.

PW 5830/79
2

In a letter No. 5077
6th August/79 from the
Supdg. Engineer 4th Circle

G.O 25 Septr/79 No 2434 W.

Letter No. 214 of 15th
May from the Executive
Engineer Nilgiri Dn.
with a letter from the
Principal Lawrence Asylum
dated 30th April/79 to
Secy to Govt. D.P.W.

No. 547

Lawrence Asylum
12th June 1879

From
The Revd. C. Dine B.A.
Principal & Secretary
Lawrence Asylum

2434/7

To
The Chief Engineer
P. W. Department
Ootacamund

Sir,

I have the honor to return Plan, Estimates and Copies of letters, which accompanied your docket No. 56 of the 10th Inst., and I beg leave to observe that, in my opinion, the Bamboo Canvas Blind proposed to be fixed between the Wash house and Urinaries is unnecessary, in that it would soon be destroyed by the boys, and furthermore it would be likely to afford some concealment to boys disposed to be vicious.

With regard to the Water pipes. So far as I understand the Estimate, it appears, that 152 running feet of 1" piping are to be placed beside the 1/2" pipe which now runs from the receiving cisterns to the east Corner of the Latrines, and which has to supply two reservoirs. The supply pipe from the Engine is 6" in diameter; and as is also the pipe to the other reservoir, at the west end of the lavatory.

From this, it will be seen, that the water supply to the two furthest cisterns is less than half that to the nearest. Consequently, the latter will speedily fill, and the same difficulty will be experienced filling the other two as there now.

I venture, therefore, earnestly to request that a Channel may be constructed to the two furthest cisterns of sufficient dimensions to convey the water to them as rapidly as the Engine can pump it.

I have the honor to be
Sir
Your most Obed^t Serv^t
ODrue.
Principal Secretary
Lunatic Asylum

2434/8

2434
9

From
The Principal
& Secretary
Lawrence Asylum

To
The Chief Engineer
P. W. D.
Ootacamund

No. 547.
Dated 12th June 1879

Returning Plans, Estimates & Copies of letters re water supply & Urinaries – with remarks thereon.

G.O. 25-9-77 No 2408

PW 5830/79

In a letter No: 507 dated 6th August /79 from the Supdt Engr: 4th Circle.

Letter No: 547 of 12th June /79 from the Principal, Lawrence Asylum, to Chief Engr: D.P.W.

No. 359.

Exe: Engineer's Office
Ootacamund 24th July 1879.

2434/10.

From.

The Executive Engineer
Nilgiri Division

To.

The Superintending Engineer
4th Circle
Coimbatore

Sir,

In reply to your endorsement No. 47/N.19 dated 2d Instant, on memorandum from the Chief Engineer No. 70 dated the 17th ultimo, I have the honor to submit a Revised Estimate amounting to Rupees 2400 - - for rearranging the supply pipes to the Reservoirs on the Lawrence Asylum Plateau –

2. The arrangements proposed will consist of a line of 6 inch: Pipes (partly iron and partly Earthenware) laid from

the main supply cistern at the crest of the plateau to the cistern on the eastern side of the wash house; a line of 1½ inch iron piping will be laid from the latter cistern to the kitchen cistern. The 6 inch iron pipes, 42 feet in length, will be laid in the ground between the East wash house cistern and the latrine to prevent infiltration of foul water &c. The accompanying plan, I trust, clearly explains the matter. I return the other documents.

I have &c.
(Sd) J. L. L. Morant Major RE
Exe: Engineer

No. 507

Enclosures.
1 Letter from the Principal Secretary L. A. No. 547 of 12 June 1879.
1 Do from Nilgiri Engineer No. 214 d/ 15 May 1879
2 Plans
2 Abstract Estimates.

Submitted to Chief Engineer. P.W.D. with reference to his No. 70 dated 17th June 1879.

Allan Cuthbert
for Supg Engineer 4th Circle

Coimbatore
6th August 1879

CE. 6. 28.4.79
— 70. 17.6.79
G.O. 55. 9.10.74
— 3075. 28.10.74
— 551. 26.2.75
— 2149. 26.7.75
— 2770. 24.9.75
— 2011. 5.8.76
— 4575 W. 29.11.78
— 4585 W. 3.12.78

P.W.D.
9 AUG 79
No. 5830

From
The Supg Engineer
Fourth Circle.

G.O. 25.9.79 No. 2434 W.

Dated 6th } August 1879
Recd. }

No. ~~570~~ 507

Enc. 6

Reservoirs Lawrence
Asylum:—

Submitting revised
estimates of Rs 2400 for
rearranging supply pipes
to the—

Recir 20.9.79.
Recir 18.9.79. ~~Rtd~~ 20.9.79.
Recir 3.9.79. ~~Rtd~~ 18.9.79
Cir 21.8.79. ~~Rtd~~ 3.9.79
to ~~[illegible]~~ 16.8

G.O. 25.9.79 No. 2434 W.

2434
12

Accept the A. E.
proposals. W. Hudleston
[illegible]

62

Recir 20.9.79. Rd. 22/9
Recir 18.9.79. ~~Rtd~~ 20.9.79
Recir 3.9.79. ~~Rtd~~ 18.9.79
Cir 21.8.79. ~~Rtd~~ 3.9.79
16.8.79

W. Hudleston
~~to Secy. to Govt.~~
~~H.E. the C in C~~
~~Hon. A.J. [illegible]~~ Seen 13/9

Endorsement No 507 of
6th August 1877 with
previous correspondence
from Supdg Engr 4th Circle
submitting certain work
required at the Lawrence
Asylum Ootacamund
— Ltd 22/9 — Seen 18/9

My attention having
been drawn to the
unhelpful arrangements
connected with the
water supply of the
institution as also
the bad state of the
urinaries I communicated
with the Supdt Engineer
on these subjects see
my No 6 of 28/4/79
(written 2434 W)

The results of this and
subsequent discussion
are

1st An Estimate amounting
to Rs 2400 for making
such needful alterations
in the cisterns and
pipes of the water

supply as will reduce the number of days on which the Engine has to work

2d An Estimate amounting to Rs 330 for curing the present very defective urinaries

3d A proposal to make the Principal of the Institution carry out all petty repairs with sanction of the Executive Engineer

//

As regards the 1st head I approve of the provision in the Estimate with the exception that between the Ground cistern (NE) and the Kitchen cistern the Ex Engineer should lay down a piece of 1" diamr pipe (which he has to spare) in addition to the existing 1½" diamr pipe so as to increase the flow - The cost will be very trifling

It will be observed that by the proposed outlay of Rs 2400 a saving, by the Principal's calculation, will be made of Rs 30 per mensem or equivalent to a capital outlay of Rs 7200 at 5% to say nothing of having a system of supply which will work, as opposed to the present arrangements which are subject to constant derangement, and which are a source of trouble all round - I would therefore beg that this may be sanctioned

2434/13

// As regards the second head I have only to say that the present urinaries are extremely foul and a disgrace to the institution the pipes are stopped and the receptacles too high for use by the smaller boys the results may be imagined I beg that this Estimate may also be sanctioned

// As regards the 3rd head it is perfectly obvious that the present direct inter-

-vention of the Executive Engineer to carry out all the petty jobs of the institution — whereas the Principal who is the most interested party in the matter is both able and willing to carry them out in the manner I propose — is both unnecessarily cumbersome and expensive

When the Principal requires to maintain any small job he writes it down on our printed form of requisition and on receiving the E.E's sanction can carry out the work subject to any orders ~~but~~ officers may give

The plan being both simple and effective will I hope meet with approval

I put up also a linked case about the buildings called the Sappers Lines upon which if approved orders (which I shall subsequently draft) might at the same time issue

21/8/79

~~2434/14~~

B&R

Public Works Department.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

UNDER date the

Read the following :—

2434/14

Note by the Chief Engr dated 21st Aug/79 on

~~letter from S.E. [illegible] Circle No 507 6-8-79~~

Order thereon :— No. 2434W. d/ 25th Septr/79

The Chief Engineer brings to notice the imperfect arrangements of the water-supply, and the defective state of the urinals, at the Lawrence Asylum, and submits for sanction two estimates, amounting to Rs 2400 and Rs: 330.

2. The first of these estimates provides for such needful alterations in the cisterns and pipes

of the water-supply as will reduce the number of days on which the engine will have to work. It has been calculated that the outlay will effect a saving of Rs 30 a month, as well as rectify the present system, which is subject to constant derangement.

3. His Grace the Governor in Council resolves to sanction this estimate, subject to such revision as the Chief Engineer may consider desirable, as also that for improving the urinals, — for immediate execution, the necessary funds being provided from the Military Reserve at the disposal of Government.

2434/15

4. At the same time the Chief Engineer proposes that in future the Principal of the Institution shall carry out all petty repairs under sanction of the Executive Engineer, who will furnish him ~~the Principal~~ with an imprest not exceeding Rs: 50, which amount is considered sufficient for a months' expenditure.

5. The late Principal of the Asylum assented to his proposal, and as the Government cannot doubt that the present direct intervention of the Executive Engineer

is ~~both~~ unnecessarily cumbersome ~~and~~ ~~expensive~~, they approve of the introduction of the new system.

The sanctions accorded in para: 3 have been registered as ~~Act~~ Imperial & numbered as follows:—

A.H. Estimate Rs 2400 – $\frac{21}{1}$ } B of 1879-80.
" " 330 – $\frac{21}{2}$ }

23/9

23/9/79

Despd
2-10-79.

S. Engr IV Circle with two plans and specifications
Ex. Br. A with two abstract estimates
Ed Dept
Mily Dept
Committee. L. Asylum

2436/16

Ao 5830

Govt. of {1879} Madras.

PUBLIC WORKS.

29-9-7

To [redacted]

Dated

Issued

Recd. Encl.

G. O., 25 Sept 1879, No. 2434 W

Nos. 62-63

Lawrence Asylum, Ootacamund. Sanctions and remarks for immediate execution for the estimates for certain alterations ~~to~~ in the cistern and pipes and improvements to the urinals of the —— and provides the necessary funds.

6