(1) Number of pages 20.

(2) Date of repair 27.5.87.

(3) Initials of the Referencer [illegible]

TAMIL NADU ARCHIVES

GOVERNMENT OF TAMIL NADU

Public works DEPARTMENT

G.O. No. / B.P. No. 314-W.	Press. / Mis.
Dated 29-1-1883.	~~198~~

S.G.M

Not to be folded or roughly handled

Archives I--10,006 I -80.

314/1

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

No. 268.

Read—the following letter from Colonel J. BEATTY, R.E., Superintending Engineer, Fourth Circle, to the Chief Engineer, Public Works Department, dated Coimbatore, 2nd January 1883, No. 1:—

I have the honor to submit, herewith, a revised estimate, amounting to Rs. 94,000, for the drainage of the Ootacamund Bazaar.

[illegible] Plan.
1 Estimate.
1 Abstract.
1 Comparative Statement.
1 Duplicate Abstract.

2. The original estimate, which amounted to Rs. 57,200, was submitted with the report of the Committee on Improvements to the Station of Ootacamund, on which orders were passed in Proceedings, Madras Government, No. 286 W., of 1st February 1882.

3. The general plan of the bazaar, showing the position of the proposed drains, which was submitted by the Committee, has been checked and found correct, so that the lengths of the drains entered in the revised estimate are the same as those previously given.

4. The chief causes of the excess in the revised estimate are—

(i) The substitution of stone slab drains set in concrete for brick-in-surki drains on a concrete bed.

The stone-work will, of course, be more durable and cheaper in the end than the brick.

(ii) The original estimate provided only for sectioning the existing rough-stone saucer drains with concrete, and plastering them with cement. It is now proposed to substitute stone slab drains for the old rough-stone work.

5. The rates for the slab drains include the cost of the house connections.

6. Metalling with broken stone was provided for originally on either side of the drains, but now gravelling of greater width has been estimated for.

7. A sum of Rs. 401 is entered for cutting catch drains on the hill side above to divert flood-water and prevent it entering the bazaar.

8. As observed in the report, by means of the proposed drains the liquid sewage which now stagnates in many places and soaks into the soil will be quickly carried off, while the improvement in the appearance of the place will be marked.

No. 269.

Order—dated 29th January 1883, No. 314 W., Public Works.

The revised estimate, amounting to Rs. 94,000, for the drainage of the Ootacamund Bazaar, is sanctioned.

2. The excess of Rs. 36,800 over the original estimate for Rs. 57,200 is explained in the Superintending Engineer's letter above recorded.

3. This sanction has been registered as Provincial No. 217 W. of 1882-83 and classified as Miscellaneous Public Improvement, Original Works.

(True Extract.)

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

To the Superintending Engineer, Fourth Circle, with five Enclosure
,, Examiner, Public Works Accounts, with Abstract Estimate.
,, Financial Department.

Exd. A. F. Goodall.
Spare Copies

314/2

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of {1883} Madras.

PUBLIC WORKS.

Dated January, 29th.

Recd. *Encl.*

G.O., 29th Jan. 1883, No. 314 W.

JANUARY.
Nos. 268-269.

Ootacamund Bazaar.

A revised estimate for the drainage of the —, sanctioned.

No 19. Superintending Engr's Offic
Coimbatore 2nd January/83

From, 314/3

The Superintending Engineer
4th Circle

To

The Chief Engineer
P. W. Department.
Madras.

Sir,

Enclosures
1 Plan
1 Estimate
1 abstract
1 Comparative Statt.
1 Duplicate abstract.

I have the honor to submit herewith a revised Estimate amounting to Rs 94,000 for the drainage of the Ootacamund Bazaar.

2. The original Estimate which amounted to Rs 57,200 was submitted with the report of the Committee on

Improvements to the Station of Ootacamund on which orders were passed in P. M. G. No. 286 W of 1st Febry. 1882.

3. The general plan of the bazaar, shewing the position of the proposed drains, which was submitted by the Committee has been checked and found correct; so that the lengths of the drains entered in the revised Estimate are the same as those previously given.

4. The chief causes of the excess in the revised Estimate are:—

I The substitution of stone-slab-drains set in

Concrete

concrete, for brick in surki drains on a concrete bed.

The stone work will of course be more durable, and cheaper in the end, than the brick.

II The original Estimate provided only for sectioning the existing rough-stone-saucer-drains with concrete, and plastering them with cement. It is now proposed to substitute stone-slab-drains for the old rough-stone work.

5. The rates for the slab drains include the cost of the house connections.

6. Metalling with broken stone was provided for

originally

the

originally on either side of the drains; but now gravelling of greater width has been estimated for.

7. A sum of Rs 401 is entered for cutting catch drains on the hill side above, to divert flood water and prevent it entering the bazaar.

8. As observed in the report, by means of the proposed drains the liquid sewage, which now stagnates in many places and soaks into the soil, will be quickly carried off, while the improvement in the

appearance

appearance of the place will be marked.

I have the honor to be
Sir,
Your most Obedient Servt

314/5

J. Beatty - Colonel R.E.
Superintending Engineer
4 Circle

287 W. A/. 1.2.82
1408 W. A/. 6.6.81
286 W. A/. 1.2.82

From,

The Supg Engineer
4th Circle

To,

The Chief Engineer
P. W. Depart.
Madras

No. 1

Dated 2nd } January/82
Received }

Enclosures 6

Drainage of the Ootacamund Bazaar.

Submits a revised Estimate amounting to Rs 94,000 for the —

314/6

For orders

The Estimate hereunder submitted for the drainage of the Bazaar at Ootacamund amounts to Rs 94,000

The first Estimate framed by Major Morant amounting to Rs 57,000 merely provided for sectioning by re-arrangement and plastering of many of the old street drains, but the method of dealing with the matter was early recognized as imperfect and unlikely to lead to satisfactory results

The Improvement Committee of 1881 had before them an Estimate remedying to a great extent these admitted defects amounting to Rs 84,000, and on the occasion of my late visit to Ootacamund as will be seen from the annexed

the

inspection after I was enabled to go further into the details, and to lay down certain further improvements which should make the work very com-plete

So far as concerns the drainage of each of the streets dealt with the plan now being followed will it is thought answer well and render cleansing very easy

One important feature now added is the cutting off of the upper drainage from the Jail and Slaughter House hill all of which particularly during flood used to pour down, and gorge the street drains

The flood water has should now be diverted and thus allow the small street drains under the present plan to do their work.

These small street drains can it is true only discharge the ordinary amount of sewage and a moderate amount of rain water, and may be at times of excessive rain be surcharged; but not it is thought to any inconvenient extent,

I would now beg to recommend that the Estimate as revised be sanctioned

15.1.83

314/7

Current No. 30
Letter No. 1
Dated the 2nd January/83
From the Suptg. Engr. Fourth Circle

314/8

NOTE OF REMARKS.

The Revised Estimate & Comparative Statement with Plan & Specification for constructing Drains for the Ootacamund Bazaar on the Nilgiries, amounts to Rs 94,000 or Rs 36,800 in excess of the Original Estimate Rs 57,200....

The chief causes of the excess in the Revised Estimate are the Substitution of Stone Slab drains set in concrete for Brick in Surki drains.

The original Estimate provided only for Sectioning the existing rough stone saucer drain with concrete & plastering with cement. It is now proposed to substitute stone slab drains for the

the old rough stone work.

A sum of Rs 401 is entered for cutting catch drains on the hill side above, to divert flood water &c.

Petty Supervision & Contingencies have been charged each at 5 per cent.

The Rates entered are considered fair

6-1-83

No 314 W of 29th Jany/83

Public Works Department.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

Read the following

319/9

From the Superintending Engineer Fourth Circle } H. E. No 1 a/ 2nd January/83

The revised estimate amounting to Rs 94,000 for the drainage of the Ootacamund Bazaar is sanctioned.

2. The excess of Rs 36,800 over the original estimate for Rs 57,200 is explained in the Superintending Engineer's letter above recorded.

3. This sanction has been registered as Provincial No 37 WG 1882-83 and classified as

as miscellaneous Public Improvement, original works.

Ch
17.1.83

19.1.83

7 C
p. 682 x 13.3.84

Ch 30/1

Supdg Engr. Fourth Circle
with 5 enclosures

Examr. P.W. accounts
with ~~duplicate~~ abstract
estimate ~~& compl. statement~~

Financial Department
despd 3/2/83.

Cu. ap. 8829

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15, 3. 20

Conservancy works

30

Govt. of (1883) Madras.
PUBLIC WORKS.

Dated

Recd.

Encl.

G. O. 29' Jany 1883 No. 314.

Nos. 268 269.

Ootacamund Bazaar

A revised Estimate for the drainage of the — Sanction

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R.p.t in 50
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