

GOVT.
OF MADRAS }

1881 52

{ P. W.
DEPT.

EXAMINER, P. W. ACCOUNTS.

Madras, JUNE 15/ 1881

OFFICE NOTE No. 229

To

By

K. JAGANATHAM PUNTULU WHO HAS

BEEN APPOINTED AN ACCOUNTANT 5TH.

GRADE WITH REFERENCE TO THE ORDERS

OF GOVERNMENT CONVEYED IN G.O. NO.

1243 W. DATED 16TH. MAY 1881, REQUESTS

THAT HE MAY BE GRANTED THE USUAL

ALLOWANCES AT THE PRESIDENCY AD-

MISSIBLE UNDER PARA 37 OF THE P.W.

DEPARTMENT CODE.

2. PLEASE SANCTION.

KEEP WITH

Genl. No.

dated

18

Go NO
1405

[Signature]

B

No 1405 W. 27 6.6.81

Sanctioned -

C. 2.6.81

own

By

To Mr. S. P. R. R.

can be called a scheme, estimated to cost Rs 10000.

13. Major Morant's scheme intended to improve and complete Major Farnwell's scheme estimated to cost 32900 Rupees.

Major Bullock's scheme was put aside on the score of being too expensive.

Major Farnwell's scheme was partly carried out in 1870 at a cost of about 6000 Rupees. and Major Morant's scheme was returned to him for modification by the Honorary Secretary of the Municipal Commission about two years ago.

The estimates now submitted are based on Major Morant's scheme of open surface drains to carry sewage and storm water into the Lake. They provide for the modifications required by the Honorary Secretary of the Municipal Commission in Major Morant's estimate and for grading and metalling the lanes and highways which were not, it is thought sufficiently, provided for in previous estimates and which will bear without injury the flow of so much of the storm water that cannot be carried by the sewage drains.

These

These estimates provide for a distinct description of drains of which Plans and sections are also submitted.

The 1st description provides for drains the exposed surface of which is entirely stone and the total estimate 86,100.

The 2nd description provides for drains the tops and sides to be of stone and the bottom cement the cost being 65,300.

The 3rd is Major Morant's plan in which the drains are formed of cement tiles and saddles laid on the natural ground the cost of which would be 54,000.

The 4th is the pattern of drain now adopted in Madras of concrete and brick lined with cement and would cost 57,200.

It will be seen at once that for efficiency and durability, the drains that are entirely faced with stone are the best and though necessarily more expensive, I would strongly recommend their adoption.

The bottoms of the 2nd description would be liable to injury by the people use of mallets or other iron tools in the progress.



BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of 1881 Madras.

PUBLIC WORKS.

To

THE CHIEF ENGINEER, PUBLIC
WORKS DEPARTMENT,

&c., &c., &c.

Dated June, 6th.

Issued

Recd.

Encl.

G. O., 6th June 1881, No. 1408 W.

JUNE.

Nos. 13-14.

water supply and
Ootacamund Drainage Scheme—A Com-
mittee appointed for considering and report-
ing on the —.

GOVERNMENT OF MADRAS,

FINANCIAL DEPARTMENT,

17th May 1881, No. 874.

Municipal-Sanitary.

Proceedings of Government, 17th May 1881, No. 874.

The attention of the Right Honorable the Governor in Council has been very forcibly directed to the existing state of things in the Ootacamund Station, more especially from a sanitary aspect and with a view to very early improvement, he desires that the President of the Municipality will, without delay, inspect the ground beyond Kandul carefully in order to determine, and to some extent lay out, the sites to which existing objectionable occupation of the station area may be transferred.

2. The Government further desire the President to impress on the Municipal Commissioners the very great importance which is attached to the improvement in every possible way of the sanitary condition and appearance of Ootacamund—a subject which strongly needs and should receive their early and careful consideration. It will be too late to apply a remedy when the station has acquired an unenviable notoriety as absolutely unhealthy.

(True Extract.)

Chief Secretary.

To the President of the Municipal Commission, Ootacamund.

Ed. T. O'Connor.

Govt. of (1881) Madras
FINANCIAL.

To
THE PRESIDENT OF THE
MUNICIPAL COMMISSION,
Ootacamund.

Dated May, 17th.

Issued

Recd.

Encl.

G.O., 17th May 1881, No. 874.

MAY.

Municipal-Sanitary.—The President of the Ootacamund Municipality directed to inspect the ground beyond Kandul carefully in order to determine, and to some extent lay out, the sites to which existing objectionable occupation of the station area may be transferred.



No 58

Ootacamund
Municipal Commissioners Office
26th April 1881

CURRENT No. 1027.

From

A. A. Campbell Esq
President, Ootacamund
Municipality

To

The Chief Secretary
to Government,
Ootacamund.

Sir,

I have the honor to submit herewith true copy of letter No. 266 dated 25th March 1881, from the Ootacamund Municipal Engineer giving cover to the plans and estimates noted in the margin for the drainage of the Ootacamund main Bazaar. Extract from minutes of a meeting of the Ootacamund Municipal Commissioners held on the 1st April 1881 is also enclosed.

1. The Scheme forwarded by Mr. A. A. Campbell has been supplemented by providing, 1st, for the backyards of 500 houses @ Rs 15 each involving a charge of Rs 7500.
2nd, for installing the streets and lanes at a cost of Rs 4695.

Yours
The

Plan of Bazaar at Ootacamund
Contents of streets planned & built
Plans of drains
Estimates of drains

These items are common to all the estimates.

3. There are further charges (incurred by major morast) for tools plant and sundries at 5 per cent on the estimate, contingencies at 5 per cent, and temporary Superintendence at 5 per cent.

4. The estimates range from Rs 52,000 to Rs 86,000. In spite of the large additional cost I would strongly recommend the adoption of Est. 1 estimate, the construction thereon provided being of a permanent character and in the long run, far the most economical. Under this every portion of the drain is stone faced, no other material will in the same degree resist cleaning out by manholes and these may occasionally be used in spite of all orders to the contrary. Were the drains to be cleaned with indiarubber brooms made to fit them one of the cheaper estimates will suffice. But all with the exception of Est. 1, will suffer from lapse of time and other injuries and the cost of renewal will be heavy.

5. It would probably take two years to carry out Est. 1 estimate owing to the large amount of stonework.

6. It will be observed that the work has been divided into sections which can be taken up independently of each other.

7. The efficient working of the Baraar Drainage Scheme must of course depend upon proper facilities for flushing the drains. To allow of such flushing say once in 24 hours a reservoir on Jail Hill above the Baraar involving an outlay of at least Rs 5000 will be necessary. This will form part of the improved Water Supply Scheme which will shortly be laid before Government for favorable consideration and should precede the main Baraar Drainage System now submitted for approval.

8. I would invite attention to the remarks at the close of the penultimate paragraph of Mr. J. O'Shaughnessy's letter, allusion was made to the same subject in my letter No. 14 dated 12th February 1881 para 29/c/. The effect of carrying out any of the schemes now proposed will be to bring the drainage of the main Baraar into the Lake. I venture to doubt if this will be an unqualified improvement, I will go further and express my opinion that the collection of so much impurity for every house will

to estimate the cost of the drainage of the main Baraar into the Lake. I venture to doubt if this will be an unqualified improvement, I will go further and express my opinion that the collection of so much impurity for every house will

will contribute its quota, in the shallow portion of the Lake, may prove a more fruitful source of sickness and disease than the present inefficient drainage. In connection herewith I have the honor to enclose a memorandum by Surgeon Major James Smith one of the Medical Officers here and a Municipal Commissioner, showing clearly that in his opinion the Schemes now under consideration stop short of what is really needed. Surgeon Major L.C. Nammy's letter (copy enclosed) et. 21 dated 11th instant is to the same effect. In these views I concur and regard a main sewer to carry off the drainage to the Western end of the Lake as a necessary part of any scheme having for its object improved sanitation. If these suggestions are well founded the construction of the main drain should take place at least concurrently with and might precede the main Barabar drainage.

I have the honor to be
Sir

Your Most Obedt Servant

H. A. Dupell

President
Ootacamund Municipality

MS 536/11

Enclosure et. 1

et. 266

From,

Local Fund Engineer's Office
Chilgiri District
Ootacamund 26 March 1881

J. O. Haughey Esq. C.E.
Local Fund Engineer
Chilgiri,

To

at A. Roupell Esq.
President, Local Fund
Board, Chilgiri

Sir,

Plan of Barabar
3 Sheets
Sections of streets
& Canals - 1 Sheet
Plans of
drainage 4 - "
Estimates
of drainage 4 - "

I have the honor to submit herewith the Plans and estimates noted in the margin for the drainage of the Ootacamund Barabar.

The history of the several schemes and proposals regarding this work that have been made during the past 15 years or more is so well known that beyond mentioning it with a view of inducing some definite action in regard to it now, there can be no necessity to describe it to any considerable extent in this letter.

There have been 3 distinct schemes proposed for this work.

1st Major Tullock's Scheme which would cost probably two Lacs of Rupees.
2nd Major Farwell's Scheme, if it

can

Time is calculated. Section
137. Rule 2.)

3. Under the section
last quoted Mr. Grimes
would, in addition to
6 days for preparation,
be entitled to one day
only for each 200 miles
of Railway - or to 8 days
in all.

4. As this is less than
the minimum (10 days)
allowed under Section
64 - he obtained the
10 days.

5. The proviso to Sec.
tion 66 quoted below
is intended to meet
cases of the kind - and
the G. O. is based on
this

this rule.

Proviso - "If an officer
going on Furlough or
Special leave out of
India, is prevented by
sickness or other urgent
and adequate reason
not within his own
control, such, for example,
as the postponement
of the departure of the
vessel in which his
passage is engaged, from
embarking within his
subsidiary leave, the
Local Government may
order that his furlough
or special leave shall
begin in India at the
end of his subsidiary