

(1) Number of pages _____

(2) Date of repair _____

(3) Initials of the Referencer _____

MADRAS RECORD OFFICE.**Government of Madras.***Public Works* **DEPARTMENT.**G.O. No. *808*Press
MisDated *27 - 7 -* 18 *97*.Not to be folded or roughly handled

GOVERNMENT OF MADRAS.
PUBLIC WORKS DEPARTMENT.

29th September 1877, No. 808 W.

Buildings and Roads.

Civil Works.

Read the following paper :—

No. 250. From Captain J. L. L. MORANT, R.E., District Engineer, Nilgiris, to the Chief Engineer, Public Works Department, dated Ootacamund, 1st September 1877, No. 347.

In accordance with a demi-official letter received from the Deputy Chief Engineer, dated 7th of May last, I at once undertook the restoration of the left wing of the Government property of Sunningdale. As Government was then expected here, the whole of the left wing was threatening to collapse. Brick and mortar buttresses had been built against it last year by its then owner; these had cracked and ceased to act as supports. I had had the whole of the walls shored up with struts before I received instructions; these had prevented for the time further settlement, but could obviously not long be depended on. The cause of the cracks, &c., was the yielding of the whole of the ground on which that part of the building rested.

2. Mr. G. Hamnett, the 1st Assistant to Government, who was then on the Hills, and to whom I had been referred, desired that the whole of the wing should be taken down and rebuilt in an exactly similar manner as regards plan. This was done. Owing to the very treacherous nature of the soil of the steep bank on that side of the building the foundations had to be sunk to a depth of $8\frac{1}{2}$ feet on one side.

3. Other work has prevented my getting this plan and estimate prepared sooner; but the whole work was done while Mr. Hamnett was on the Hills. He visited the work frequently, and can, I feel sure, testify to nothing having been done that was not absolutely necessary. I have no funds to appropriate for the work.

4. I have the honor now to submit, for sanction and provision of funds, the plan and estimate enclosed, the latter amounting to Rupees 3,200.

No. 251. ORDER THEREON, 29th September 1877, No. 803 W.

THE plan and estimate, amounting to Rupees 3,200, for restoring the left wing of the Sunningdale House at Ootacamund, are sanctioned, and funds are appropriated from the Provincial Reserve.

2. This sanction has been registered as Provincial No. 158 B of 1877-78.

(True Extract.)

Colonel, R.E.,
Secretary to Government, P.W.D.

To the District Engineer, Nilgiris.
" Examiner of Public Works Accounts.
" Public Department.

Exd. A. Grubert.
Spare Copies

It is submitted
with reference to the
proposed terms:
that the only paper
entitled (Ind. G. O.
343 d/1 Feb 77) is on
records in the P. W. Dept.
And that Mr. Middleton
was Chief Secretary
at the time the
purchase was sanctioned.
It was he who brought
the matter before
Council. He is
consequently fully
cognizant of all the
circumstances.
R. F.
28/9.

Memo

The Chief Engineer has
the honor to state that
the purchase of
Sunningdale House
from General Walker
was arranged in the
Financial
Public Department.
There are no papers
connected with the
purchase in the Public
Works Department

Papers can be circulated to Hon. Mr.
Middleton with a fair copy
of this M.T.

GOVT.
OF MADRAS.

1877.

P.W.
DEPT.

SECRETARY.

Madras, Sept 12

187

OFFICE NOTE.

To Mr. Financial Secy
My dear Sir

What is to be done
about this. We have
not got a license
and have already
a heap of money
paid to the
in hand.

Yours truly
W. H. M.
12.9.77

My dear Sir

I think this had
better wait until a
license about the
has been disposed of which
it will probably be very
shortly. The Committee
has suggested that the
Supt. shall be sent
charged in the
this year & dealt with
next year.
12.9.77

Detailed Estimate No. 64 of 1877-78

Nilgiri District

work. Cost of restoring the left wing
of Sunningdale House. A. C. C. C.

Measurements	Particulars
No. L B & Contents	
1 72-0 2-9 4-0 794-0	Foundations of main walls
1 72-0 2-3 3-0 486-0	Basement to
1 72-0 1-9 12-0 1512-0	Walls above Basement
1 27-6 2-9 3-0 226-10	Foundations to main wall of B. Room
1 27-6 2-3 0-6 30-11	Basement to
1 27-6 1-9 7-6 360-11	Walls above Basement
2 7-0 2-9 3-0 115-6	Foundations to cross walls of B. Room
2 7-0 2-3 1-0 31-6	Basement to
2 7-0 1-9 10-0 245-0	Walls above Basement
2 4-0 1-0 23-0 184-0	Chimneys
3695-0	Total est. of Breaking Down walls &c
3984-8	
1 17-0 16-0 . 272-0	Bed room
1 17-0 8-0 . 136-0	Dressing room
1 24-0 7-0 . 168-0	Bath rooms
576-0	Total est. of removing old flooring

OF

187

5

1 29-0 37-0 1073-0 Total sqft. removing old roofing
1 72-0 3-0 1-0 216-0 Concrete to main walls
1 16-0 3-0 1-0 48-0 " "
1 27-6 3-0 1-0 82-6 " near wall of Bath Room
2 6-0 3-0 1-0 36-0 " Crop wall
2 4-0 1-0 1-0 8-0 " Chimneys
390-6 Total cft. of broken blue stone in chas.

1 72-0 2-0 6-0 864-0 Foundations & Basement to main walls
1 16-6 2-0 6-0 198-0 " "
1 27-6 2-0 3-0 165-0 " near walls of B. Room
2 6-6 2-0 3-0 78-0 " Crop wall of "
2 4-0 1-0 6-0 48-0 " Chimneys
2 4-0 1-0 4-0 32-0 " Chimney
1 2-0 2-0 6-0 24-0 " Chimney above roof
1 130-6 1-6 1-0 196-9 stop of walls
1 16-6 1-6 1-0 24-9 Round Dors
2 13-0 1-6 1-0 39-0 " "
1 13-9 1-6 1-0 20-7 " "
2 15-0 1-6 1-0 45-0 Round windows
1 12-0 1-6 1-0 18-0 " "
1 12-6 1-6 1-0 18-9 " "
1770-10 Total cft. of brick in chimneys

1 72-0 1-9 12-0 1672-0 main walls
1 17-0 1-9 12-6 371-10 Crop walls
1 17-0 1-6 3-0 76-6 " fable to
1 27-6 1-9 7-6 860-0 near wall of B. Room
2 7-0 1-9 10-0 245-0 Crop wall to
2566-3 Total
297-3 deduct
2269-0 Total cft. of brick in mud

30 Squares of Plastering
172 Squares of white washing the whole building including out houses

1 17-0 16-0 " 272-0 Bed room
1 17-0 8-0 " 136-0 Dressing room
408-0 Total sqft. of Leaking
2 12-0 7-0 " 168-0 Bath room
168-0 Total sqft. of flooring with brick on edge & plastered with sorker

1 29-0 37-0 1073-0 Re-roofing left wing of building
1073-0 Total sqft. of roofing with Leak rafters
nippers, mats & Parbiles

13-0	5-0	15-0	✓ Pannelled door to Bath room	01-152	8-31	p
24-6	1-6	0-2	2-3-0 ✓ Lubels to oms	0-45	0-2	d
24-0	1-6	0-2	2-0-0 ✓ " " "	0-088	8-5	p
15-0	1-6	0-2	1-3-0 ✓ " " "	0-04	0-0	1
33-0	1-6	0-2	2-3-0 ✓ " " windows	0-04	0-0	1
24-6	1-6	0-2	2-3-0 ✓ " " "	0-04	0-0	1
10-0-0 Total cft of teakwood wrought that up						

Abstract Estimate No. of 1877-78
Nilgiri District

work - Cost of restoring the left wing of
Sunnig Dale House - Ootacamund

Particulars	Rate	Per	Unit	Total
2696 cft of breaking down walls & removing debris	8	100 cft	2695	21572
576 sq ft of removing old flooring	2	sq ft	11	830
1073 sq ft of removing old roofing	3	sq ft	32	3435
390 1/2 cft of broken blue stone in chumam	40	100 cft	156	3200
1771 cft of brick in chumam	40		708	6400
2269 cft of brick in mud	24		544	8000
30 squares of plastering	10	sq ft	300	3000
172 squares of white washing the whole buldy	14		150	800
1408 sq ft of teak flooring to complete	102		416	2600
168 sq ft of flooring with brick on edge and plastered with sonkee	32		53	1210
1073 sq ft of roofing with teak rafters,				269207

teak rafters, mats (bamboo) and			
Pantiles	75	sq ft	80412
15 square feet of Pannelled doors	2	sq ft	30
10 cft of teakwood wrought that up	5	cft	50
Total	3553		111
Sundries	1764		
Lot	Total	3730	
deduct value of old materials that were utilized in the new work	530		
Total Estimate Proper	3200		

The colored portions on Plan denotes the existing building that was thrown down and rebuilt in the same style - Foundations, Basement, top of walls, round domes and windows and portion of chimney of brick in chumam, the rest of brick in mud, plastered and whitewashed. Flooring to bed & dressing rooms of teak, Bath room of brick on edge and plastered with sonkee. Roofing of teakwood rafters, rafters, bamboo mats and Pantiles. the old materials were utilized in the new work as much as possible, for which a reduction is made in the estimate -

see Morant
Captain R. Co.
District Engineer

By Engineer's Office
Nilgiri
Ootacamund 1st Sept. 1877

Abstract Estimate No 4 of 1877-78

Nilgiri District

Heads of Service— Provincial
 Fund— Ordinary
 Class— Repairs
 Main head— Civil Buildings
 Sub head— Government Residences
 Work—

Cost of restoring the left wing
of Sunnydale House—Obamacare

Description of Work Rate per unit Total

2696	feet of Breaking down walls & removing debris	8 . . .	est 38 12 1/2 100 29 10 0
576	Sq feet of removing old flooring	2 . . .	Sq 11 8 3
1092	do of removing old roofing	3 . . .	82 3 1/2
390 1/2	feet of Broken Blue Stone in Chimney	40 . . .	100 ft 156 3 2
1771	do of Brick in Chimney	40 . . .	do 70 6 1/2
2269	do of Brick in Road	20 . . .	do 54 8 11
30	Squares of Plastering	10 . . .	Sq 300 . .
172	Squares of whitewashing the whole building	. . .	150 8 . .
408	Square feet of Oak flooring year complete	102 . . .	416 2 6
168	do of flooring with Brick on edge & plastered with Sooter	32 . . .	53 12 1

4 @ 29 Sept 1877 250

1173 Brought Over
1173 Subject of roofing with
rafters, Mats (beams), and
Pantiles

15 Square feet of Pannell'd Doors 2. 50ft 30.
10 left of Teakwood wrought
and put up 5. 50ft 50.

Sundries 1764
Total 3730

Deduct Value of old materials
that were utilized for the
new work 500

Total Estimate Rupees 3230

W. Morant
District Engineer
P.O. Secunderabad
1st September 1907

4

District Engineer's Office
 Ootacamund 14 September 1897
 Sir,
 I have the honor to acknowledge the receipt of your letter of the 7th inst. in relation to the proposed construction of a bridge over the river at the place mentioned. I am sorry to hear that the District Engineer is not in favor of the project. I have, however, no objection to the construction of a bridge at the place mentioned, provided it is built in accordance with the instructions of the District Engineer. I have, however, no objection to the construction of a bridge at the place mentioned, provided it is built in accordance with the instructions of the District Engineer. I have, however, no objection to the construction of a bridge at the place mentioned, provided it is built in accordance with the instructions of the District Engineer.

29 Sept 1897
 S.B.K. 250

further settlement, but could shew
-only not long be depended on.
The Cause of the crash &c. was the
girdling of the whole of the ground
on which that part of the building
rested.

2. Mr. G. Hammett, the 1st-
Assistant to the Engineer who was then
on the Hill and to whom I had
been referred, desired that the
whole of the wing should be taken
down and built in an exactly
-and as regards plan.
This was done. Owing to the very
treacherous nature of the soil of the
steep bank on that side of the
building the foundations had to
be sunk to a depth of $8\frac{1}{2}$ feet on
one side.

3. Other work had prevented
my getting this Plan and Estimate
prepared sooner. But the whole
work was done while Mr. Ham-
-mett was on the Hill. He visited
the work frequently and can
I feel sure testify to nothing having
been done that was not absolu-
-tely

absolutely necessary. I have no funds
to appropriate for the work.

4. I have the honor now to
submit for sanction and promi-
-sion of funds the Plan and Es-
-timate enclosed, the latter amount-
-ing to Rs 3200.

I have the honor to be
Sir
Your most obedient servant
J. Morant Captain R.E.
District Engineer.

Referred to
Com. by.

The District Engineer,
Milwaukee

The Chief Engineer,
D. H. D.
Madras.

No. 347
Dated 1st September 1877.
Received.

Enclosures 2
One plan book over to
Librarian - 5/10/11
Sunningdale - Sub-
- into Man and Est.
- mate for repairs etc.
- Cuted to - at Oolaca,
- mud.

4029: Sept. 11, 1882 250

Ca 25-9-77. Ca 29.9.77

Ans. B / R
Answers.

Ms. A. 9.2. 808 B

Public Works Department.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

UNDER date the 29 Sept 111-

Read the following :—

From the District Judge, Kilgherries (H.L. N^o 347d/1st Sept. 1877).

The plan and estimate amounting to Rs: 3200 for restoring the left wing of the Sunningdale House at Potocari-mund are sanctioned, and funds are appropriated from the Provincial Reserve. Wk
22.9.77

This sanction has been
registered as Provincial No. 158 B.
of 1877-78.

D. C. Neilgherries. 3
Ex: of P.W. & Accounts 5
Public Department 7

Desp 5-10-77.

With an office

General ...

... ..

... ..

... ..

... ..

... ..

... ..

... ..

... ..

... ..

... ..

Apr 25-9-77 Apr 24-9-77

... ..

Co. 8330



Solgt. of 1877 Madras.

PUBLIC WORKS.



To

D. E. Hilgus

Dated

Issued

Recd.

Encl.

G. O. 29 Sept 1877, No. 808W

Nos. 250-251

Running date: Hence at
Botacamund, Kildyhering
At The plan estimate of
\$3200 for restoring the left
wing of the ————
funds appropriated.

Sub. J. W. Kyr.
H.
1870.