

(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.

758

(W)

Press

~~Misc.~~

Dated

20-9-

1877.

Not to be folded or roughly handled

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

20th September 1877, No. 758 W.

Buildings and Roads,  
Civil Works.

Read the following papers:—

No. 165. From R. F. CHISHOLM, Esq., Consulting Architect to Government, to the Chief Engineer, Public Works Department, Buildings and Roads, dated Chepauk, 10th September 1877, No. 1,136.

I HAVE the honor to forward you a plan and estimate for making the lower columns of the verandahs of the Revenue Board buildings of stone in place of brick.

2. These columns were by mistake originally constructed of country brick, and by my advice after the superstructure was completed they were cut out and reconstructed in sound well burnt large bricks. Although the section adopted is quite adequate to support the superstructure, it does not appear that the brick has in all cases received the weight regularly, and some of these columns exhibit undoubted lines of pressure. They have stood for more than five years, but being put in after the work was complete and wedged up to the work they have always been a source of anxiety to me, and to guard against any possible failure I would strongly recommend the Government to sanction their renewal in stone. If the Government do not feel disposed to sanction the whole estimate, I would solicit permission to renew say half a dozen of the weakest. The design will not be altered, and I need scarcely say that both in appearance and durability the columns will be greatly enhanced.

No. 165-A. From the same Officer, dated Chepauk, 17th September 1877, No. 1,139.

I HAVE the honor to acknowledge the receipt of your memorandum, No. 2,725, dated the 15th September 1877; I regret that I cannot put the matter of the lower columns of the Revenue Board in more distinct language than in my letter No. 1,136, dated the 10th instant. I have explained in my letter that the columns have done their work for the past five years, and, as none have actually failed, I cannot say that the structure is in danger; at the same time I strongly recommend their renewal in stone for the reasons pointed out.

No. 156. ORDER THEREON, 20th September 1877, No. 758 W.

THE proposal at the conclusion of Mr. Chisholm's first letter to renew in stone six of the weakest columns at the cost of Rupees 582, is sanctioned, and the necessary funds are provided from the Provincial Reserve.

2. The sanction accorded in these Proceedings has been registered as Provincial No. 151 B of 1877-78.

(True Extract.)

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

To the Consulting Architect to Government.  
" Examiner of Public Works Accounts.  
" Board of Revenue.

*Specification of work to be performed in  
making the lower columns of the Verandahs  
of the Revenue Board of stone.*

*The existing arches will be properly wedged  
up with close fitting centres and the joints  
and floor of the Verandah. After the Brickwork  
has been cut away the stone columns will be  
constructed and the metal wedges so inserted  
that on completion the stonework may be  
closely driven up to its work. The Centres  
will then be properly eased and eventually  
struck.*

*W. H. H. H.*

*Consul. Archt to Government.*

3

Estimate of the cost of renewing the present brick  
Columns of the Revenue Board Office verandahs with stonework

Detailed quantities for one column.

| Description of work           | N | L    | B    | D   | Contents | Total                                        |
|-------------------------------|---|------|------|-----|----------|----------------------------------------------|
| <u>Restonework in Columns</u> |   |      |      |     |          |                                              |
| base                          | 1 | 1.10 | 1.10 | 1.0 | 3.4"     |                                              |
| shaft                         | 1 | 1.6  | 1.6  | 7.2 | 16.1'    |                                              |
|                               |   |      |      |     |          | <u>Say Cubft 19 <math>\frac{1}{2}</math></u> |
| <u>Restonework in Capital</u> |   |      |      |     |          |                                              |
|                               | 1 | 2.4  | 2.4  | 2.4 | 12.8'    |                                              |
|                               |   |      |      |     |          | <u>Say Cubft 12 <math>\frac{3}{4}</math></u> |
| <u>Metal wedges</u>           |   |      |      |     |          | <u>2 pairs.</u>                              |

W. H. H. W. H. H.  
Cons. Archt. to Government.

Estimate of the cost of renewing the present brick columns  
of the Revenue Board Office Verandahs with stonework

Abstract

| Quantity | Item                                                                          | Rate | Per | Amount                    |
|----------|-------------------------------------------------------------------------------|------|-----|---------------------------|
| 19 1/2   | lft. Castonework in columns                                                   | 2    | ..  | lft 39 ..                 |
| 12 3/4   | " " " " in Capitals                                                           | 2 12 | ..  | 35 1 ..                   |
| 2        | Pairs Metal wedges                                                            | 4    | ..  | pair 8 ..                 |
| 2        | no Supporting arches including<br>Centrings while column is being<br>inserted | 5    | ..  | each 10 ..                |
|          | Contingencies                                                                 |      |     | 4 15 ..                   |
|          | Cost of renewing one Column                                                   |      |     | Ruppes 97 ..              |
|          | Total                                                                         |      |     | 23 Columns Ruppes 2231 .. |

Ruppes Two thousand, two hundred and thirty one.

*Chisholm*

Consr Archt's Office  
Chepauk 10<sup>th</sup> Sept 1877

Consr Archt to Government

No 2725 of 15 Sept 1877.

Memorandum.

From the Consulting Architect to  
Government No 1136 dated 10 Sept 1877.

The Consulting Architect  
will report more distinctly for the  
information of Government if he  
considers the superstructure in danger  
and the work absolutely necessary or  
not.

(By order)

Sd/- W. Farewell Colonel

Dy: Chief Engineer PWD.

To

The Consulting Architect to  
Government.

Renewing the Brick Columns  
of the Revenue Board Office  
with Stonework.

Estimate Rupees 2,231-0-0

Cons'g Archts Office.  
10 September 1877 }

Ld 20 Sept 1877

ROADS AND BUILDINGS.

No. 1136

CONSULTING ARCHITECT'S OFFICE,

Chepauk, 10<sup>th</sup> September 1877.

FROM

THE CONSULTING ARCHITECT TO GOVERNMENT,

TO

THE CHIEF ENGINEER, PUBLIC WORKS DEPARTMENT,  
BUILDINGS AND ROADS BRANCH.

SIR,

I have the honor to forward you  
a Plan and Estimate for making  
the lower columns of the verandahs  
of the Revenue Board buildings of  
stone in place of brick.

These columns were by mistake  
originally constructed of country brick,  
and by my advice after the superstruc-  
ture was completed they were cut  
out and reconstructed in sound  
well burnt large bricks. Although  
the section adopted is quite adequate  
to support the superstructure it does  
not appear that the brick has in  
all cases received the weight regularly  
and some of these columns exhibit

Enclosures.

Plan and  
Estimate.

undoubted lines of pressure. They  
have stood for more than 5 years  
but being put in after the work  
was complete and wedged up to  
the work they have always been a  
source of anxiety to me, and to  
guard against any possible failure  
I would strongly recommend the  
Government to sanction their renewal  
in stone. If the Government do  
not feel disposed to sanction the  
whole estimate, I would solicit  
permission to renew say half a  
dozen of the weakest. The design  
will not be altered and I need  
scarcely say that both in appearance  
and durability the columns will be  
greatly enhanced.

I have the honor to be  
Sir,  
Your most obedient servant

W. H. L. L.  
Consulting Architect  
W. H. L. L.

ROADS AND BUILDINGS.

From  
The Consulting Architect  
to Government,  
  
To  
The Chief Engineer, P. W. Department,  
Buildings and Roads Branch.

No. 1136

Dated 10<sup>th</sup> September 1877

Received

No. of ENCLOSURES. 2.

\* given to the Librarian

Forwards Estimate for making  
the lower Columns of the Revenue  
Board of Stone.

C. B. 2. 2. 2. 10. 10.

L. C. 20: Sept. 1877

P. C. B. 2. 2. 2. 10. 10.  
Ar 20-9-77,

ROADS AND BUILDINGS.

No. 1139

CONSULTING ARCHITECT'S OFFICE,  
Chepauk, 17<sup>th</sup> September 1877.

FROM  
THE CONSULTING ARCHITECT TO GOVERNMENT,  
  
TO  
THE CHIEF ENGINEER, PUBLIC WORKS DEPARTMENT,  
BUILDINGS AND ROADS BRANCH.  
  
SIR,

I have the honor to acknowledge the receipt of your  
Memo No. 2725 dated the 15<sup>th</sup> September 1877, I regret  
that I cannot put the matter of the lower Columns  
of the Revenue Board in more distinct language  
than in my letter No. 1136 dated the 10<sup>th</sup> instant,  
I have explained in my letter that the Columns have  
done their work for the past 5 years and as ~~none~~ <sup>none</sup>  
have actually failed, I cannot say that the structure  
is in danger, at the same time I strongly recommend  
their renewal in stone, for the reasons pointed out.

I have the honor to be

Sir  
Your most Obedt. servant

*R. M. S. S. S.*  
Cons. Archt. to Government.

ROADS AND BUILDINGS.

From

The Consulting Architect  
to Government,

To

The Chief Engineer, P. W. Department,  
Buildings and Roads Branch.

No. 1139

Dated 17<sup>th</sup> September 1877.

Received

No. of ENCLOSURES.

Lower Columns of Revenue  
Boards.

Letter from the Consulting Architect No 1136  
dated 10<sup>th</sup> Sept. 1877.

FOR ORDERS.

No Provincial funds  
whatever are available  
for the work.

13<sup>th</sup> Sept 77.

E A Ford Col RR  
Secretary to Govt. P.W.D.

The superstructure  
at present is dangerous  
If so. we must do  
something [initials]

46 20: Sept 77 No 1139

**FOR ORDERS.**

Let Mr. (his letter  
 under the 2 degree Col.  
 as proposed in the enclosure  
 of his first letter. /  
 18/9/77 J.D.

Antiquaria

127588

Public Works Department.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

UNDER date the 20<sup>th</sup> Sept 1944.

Read the following :—

Letter from the Consulting  
Architect to Government } (H. C. 101136. d/10<sup>th</sup> Sept. 1877)  
" " 1139. " 17<sup>th</sup> do

The proposal at the conclusion of Mr. Chisholm's first letter, to renew in stone six of the weakest columns at the cost of Rs. 552, is sanctioned, and the necessary funds are provided from the Provincial Reserve.

The sanction accorded  
in these Proceedings  
has been registered as  
Provincial No 151 B of  
1874-75-

To  
The Consulting Architect to Govt. 13  
" Examiner P. W. Accounts 6  
" Board of Revenue. 15  
J. A. [Signature] 17  
Decr 26-9-77

11-15-9-77 Q.20-9-77  
Cir 13-9-77

✓  
C. 9113  
Sob. of 1877 India  
PUBLIC WORKS.

To

Dated

Issued

Recd.

Encl.

U. O. 20 Sept 77. No. 758 W

Nos. 155-156

Revenue Board Office  
Chopank The proposal of  
Mr Chicholus to repair in stone  
top of the columns of the  
at the cost of Rs 502 sanctioned  
& funds provided.

Int. in Reg.  
28-9-77.