(1) பக்கங்களின் எண்ணிக்கை 18

(2) புதுக்கித் திருப்பிய நாள் ௨௨-3-89

(3) ஆதாரங்குறிப்பவர் சுருக்கொப்பம்

தமிழ்நாடு ஆவணக் காப்பகம்.

தமிழ்நாடு அரசு

பொதுப்பணித் துறை

அரசாணை எண். 73(W) அச்சகம்
மு. கோப்புத் தாள் எண். பலவகை

நாள் : 11-1-1890 ~~198~~.

மடிக்கவோ கண்டபடி கையாளவோ கூடாது

௨௭

11th January 1890, No. 73 W., Public Works.

73/1

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

Read—the following papers:—

From J. D. GRANT, Esq., Superintending Engineer, I Circle, to the Chief Engineer, Public Works Department, dated Dowlaishweram, 11th December 1889, No. 2241 G.D.

I have the honor to forward an estimate of Rs. 13,900 for the construction of an entirely new office for the Western Division, Godávari, at Chettipett.

2. The submission of this estimate has been delayed pending the result of negotiations with the owner of a large house at Narsápur, in which it was thought it might be possible to accommodate the office; the owner, who was believed to require only Rs. 10,000 for the building, however died, and his heirs demand Rs. 20,000 which is out of the question.

3. The new building at Chettipett will be placed on the site marked on the plan, well clear of the weir channel and canal, which are believed to have contributed to the destruction of the present office; the site was selected by Major Campbell, R.E., who also decided the depth of foundations, &c.

4. In a few cases the rates are higher than schedule rates, but the Division officer explains that they cannot be reduced; there is besides some uncertainty as to the quantity of the old materials which may turn out fit for use.

Note by the Chief Engineer, P.W.D., General Buildings and Roads Branch.

Upon the explanation furnished by the Superintending Engineer the increased rates for concrete and random rubble masonry may be allowed, but it is open to question whether it would not be better to roof the whole of the verandah with tiles instead of partly with Bengal terrace.

2. The number of doors and windows, viz., 21 * of the former and 24 † of the latter, seems excessive, especially when provision is made for 33 fan lights and 20 ventilators, and the Superintending Engineer will consider whether it would not be better to make a redistribution of the doors and windows bearing in mind—

* One-third panel, $\frac{2}{3}$ glazed.
† One batten, 23 glazed.

(a) that glazed doors in the outside walls of a building render it necessary to take special precautions for guarding it at night, especially in the record-rooms;

(b) that with a large number of door and window openings it is difficult to place the roof trusses satisfactorily, and provided the requirements for light are properly met every additional window is an unnecessary expense.

3. All new timbering for the roofing should be cut to the sizes given in the standard specifications.

4. It is observed that some of the material to be used in the construction of the new office will be taken from the old building, and probably from this cause alone a revised estimate may be necessary, but in any case the Superintending Engineer should not delay his report to Government upon the suggestions made in this note.

CHEPÂK,
8th January 1890.

(Signed) R. R. E. DRAKE-BROCKMAN, Lt.-Col., R.E.,
Ag. Chief Engineer, P.W.D., General
Buildings and Roads Branch.

ORDER—dated 11th January 1890, No. 73 W., Public Works.

The estimate, amounting to Rs. 13,900, for constructing a new building for the Divisional office at Chettipett in the Godávari Western division is sanctioned.

2. A sum of Rs. 8,000 was provided for the work in G.Os., No. 2995 W., dated 22nd October 1889, and No. 3277 W., dated 18th November 1889.

3. Attention is drawn to the note by the Chief Engineer above recorded.

4. This sanction has been registered as Provincial No. 101 W. of 1889-90, and classified as Civil Buildings, Original Works.

(True Extract.)

Captain, R.E.,
Under-Secy. to Govt., P.W.D.

To the Superintending Engineer, I Circle, with six enclosures.
" Examiner, Public Works Accounts, with duplicate abstract estimate.
" Chief Engineer for Irrigation.

Exd. J. Moses.
Spare Copies

73/2

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of {1890} Madras.

PUBLIC WORKS.

Dated January, 11th.

Recd. *Encl.*

G.O., 11th Jan. 1890, No. 73 W.

JANUARY.

Divisional Office at Chettipett, Godavari Western Division

Estimate for a new building for the —, sanctioned with remarks.

No 2241 G.D.

18

From,

J. D. Grant Esqre
Supt Engineer 1st Circle.

To,

The Chief Engineer
P. W. Department.
~~For Irrigation~~

Y/M

Enclosures: 5.
1. Tracing of the site plan.
1. —do— of Building.
1. Estimate with duplicate copy of abstract Estt.
1. Specification
1. Report.

Dowlaishwaram 11th December 1889

Sir,

I have the honor to forward an estimate of Rs 13,950, for the construction of an entirely new office for the Western Division Godavari at Chettipett.

2. The subm[illegible]ion of this estimate has been delayed p[illegible]ding the result of negotiations with the owner of a large house at Narsapur, in which it was thought it might be possible to accommodate the office; the owner who was believed to require only Rs 10,000 for the building however died, & his heirs demand Rs 20,000 which is out of the question.

3. The new building at Chettipett will be placed on the site marked on the plan, well clear of the weir channel & Canal, which are believed to have contributed to the destruction of the present office, the site was selected by Major Campbell R.E., who also decided the depth of foundations &ca.

4. In a few cases the rates are higher than Schedule rates, but the Dn officer explains that they cannot be reduced this is

des some uncertainty as to the quantity
the old materials which may turn out
it for use.

I have the honor to be,
Sir,
Your most obedient Servt.
J. D. Grant
Supg. Engineer 1st Circle

73
~~5~~4

P.W.C. No 12026

FROM

J. D. Grant Esquire

~~THE~~ SUPERINTENDING ENGINEER

FIRST CIRCLE.

No. 3277 W of 18-11-89
" 2995 W " 22-10-89
" 2943 W " 18-10-89
" 2270 W " 17-8-89
" 1331 W " 18-5-89

TO,

THE CHIEF ENGINEER

P. W. D.

~~FOR IRRIGATION.~~

DATED 11th
DESPATCHED 12th } December 1889
RECEIVED

NO. 2241 G.D.

ENCLOSURES. 5

SUBJECT

Office for the Western Division Godavari at Chettipett.

Submits for sanction an Estimate for Rs 18,900 for the construction of an entirely new ——

ARY TO GOVERNMENT
17 DEC 8
P. W. DEPARTMENT, MADRAS.

1 Comp
1-10-12/89

Hm 9-1-90 R 11-1-90

P. W. 1

2

Note by the Chief Engineer General Buildings and Roads Branch.

Upon the explanation furnished by the Supdg Engineer the increased rates for concrete and random rubble masonry may be allowed, but it is open to question whether it would not be better to roof the whole of the verandah with tiles instead of partly with Bengal terrace.

2. The number of doors and windows viz 21* of the former and 24× of the latter seems excessive, especially when provision is made for 33 fan lights and 20 ventilators and the Superintending Engineer will consider whether it would not be better to make a redistribution of the doors and windows bearing in mind:-

(a) that glazed doors in the outside walls of a building render it necessary to take special precautions for guarding it at night

* 1/3 Panel. 2/3 glazed.
× 1 Batten. 23 glazed.

night, especially in the record rooms.

(b) that with a large number of door and window openings, it is difficult to place the roof trusses satisfactorily, and provided the requirements for light are properly met every additional window is an unnecessary expense.

3. All new timbering for the roofing should be cut to the sizes given in the Standard Specifications.

4. It is observed that some of the material to be used in the construction of the new office will be taken from the old building and probably from this cause alone, a revised estimate may be necessary, but in any case the Supdg Engineer should not delay his report to Government upon the suggestions made in this note.

8.1.90

8.1.90
EW

1.90 R 11-1-90

73/1

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73 W

Public Works Department.

Current No. 12,020

Letter No. 2,241 G.D.

Dated 11th December 1889

From the Supdg: Engr I Circle

Sanction Note by E W Walton
26.12.89

B — 24/12.89

NOTE OF REMARKS.

The plans, and Estimate amounting to Rs 13,900 provide for constructing an entirely new Office for the Godavari Western Division at Chettipetta.

As the soil is bad the foundations are to be laid 8' deep and will consist of 2 ft of concrete, and 6 ft of rubble masonry in mortar.

The basement and walls are to be built with rubble masonry in mortar & the walls will be plastered on both sides with two coats of Chunam.

Flat and semi-circular archwork will be constructed with brick in mortar.

Pedavagi cut stone is to be used under verandah posts, Columns & caps, beams Steps, &c

The floors of the rooms will be laid with a bottling course, brick on edge, and plastered with 3/4" Portland cement.

The floors of the verandah will be of cut stone.

The roof over the Rooms is to be constructed

ss & rafters, and covered
with flat and pan tiles –
The roof of the verandahs
will be partly tiled and
partly Bengal terraced.

The junction of the these
two kinds of roofs is in
a valley, it would be
better to have the junction
for a hip – The necessity
for having two kinds
of roofs for the verandah
is not apparent –

Nearly the whole of
the doors & windows are
to be glazed, and it
will be seen by the
plan that the doors,
leading into the Record
Room & Store room from
the verandahs, and
several of the windows
in these rooms are to be glazed
which is objectionable
as they afford little
or no security for the
protection of the records
& stores, in fact the
whole office will be
rendered insecure by the use
of glazed doors & windows
on the outer side of the
building –

Several of the trusses
are placed over doors
& windows & in one
instance over an arch

There appears to be far
too many doors & windows
& if these were restricted
the dist

---

trusses could be m
The scantlings of the t
beams, principal raf
struts & purlins are
slighter than the dimensions
shown in the Standard
Specification – The
Standard dimensions
are marked in pencil
on the Estimate.

The following rates
are in excess of those
given in the Schedule
for the Godavari Western
Division – 13/60

(1). Concrete in mortar –
Rs 11-8-„ per 100 cft against
Rs 8-„-„ —

(2) Random rubble in
mortar – Rs 15-2-„
against Rs 12-9-„ per
100 c.ft. —

(3) Bengal Terracing Rs 13-12-„
per 100 sq. ft against
Rs 10-„-„ —

A saving of Rs 1,101
would be effected
in the Est: if the
Schedule rates are
adopted –

A lump sum of Rs 441
is provided in the
Est: for land compensation
and Rs 100 for two
sheds, also Rs 120
for scaffolding –

The plinth area
of the building is

ses & rafters, and covered with flat and pan tiles - The roof of the verandahs will be partly tiled and partly Bengal terraced. The junction of the these two kinds of roofs is in a valley, it would be better to have the junction in a hip - the necessity for having two kinds of roofs for the verandahs is not apparent -

Not good

Nearly the whole of the doors & windows are to be glazed, and it will be seen by the plan that the doors leading into the Record Room & Store room from the verandahs, and several of the windows in these rooms are the glazed which is objectionable as they afford little or no security for the protection of the records & Stores, in fact the whole Office will be rendered insecure by the use of outer glazed doors & windows on the outer sides of the building -

Several of the trusses are placed over doors & windows & in one instance over an arch.

There appears to be far too many doors & windows & if these were restricted
tter distri

-60 Sq. feet and
ll cost Rs 2-4-5 per
sq. foot -

Contingencies and Public Supervision are provided for at 5% & 3% respectively -

The cost of Scaffolding should be met from Contingencies instead of being separately charged for -

21-12-89.

Note by C.E.

1) Upon the explanation furnished by the S.E. the increased rates for Concrete & random rubble masonry may be allowed, but it is open to question whether it would not be better to roof ~~all~~ the whole of the verandah with tiles, instead of partly with Bengal terrace.

2) The number of doors & windows viz 21 of the former & 24+ of the latter seems excessive, especially when provision is made for 33 fan lights & 20 Ventilators, & the S.E. will consider whether it would not be ~~best~~ better to make a re-distribution of the doors & windows, bearing in mind.

(a) ~~that~~ glazed doors in the outside walls of a building, render it necessary to take special precautions for guarding ~~it~~ it at night, especially in the record rooms

(b) ~~that~~ with a large number of door & window openings, it is difficult to place the roof trusses satisfactorily, and provided the requirements of light are properly met, every additional window is an unnecessary expense.

3) All new timbering of the joinery should be cut to the sizes given in the Standard Specification

o $\frac{1}{3}$ Panel $\frac{2}{3}$ glazed

&

1 Batten 23 glazed

~~[illegible]~~

(4) ~~that~~ It is observed that some of the ma

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1-90 R 11-1-

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l be used in the constn. of
the new office will be
taken from the old
building & probably
from this cause alone,
a revised estimate may
be necessary, ~~[illegible]~~
~~[illegible]~~ but
in any case the S.E.
should not delay his
report but act upon the
suggestions made in the
note.

16.12.89

7/6

N. 93 W.

B. R
Works

38

PUBLIC WORKS DEPARTMENT.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

9 January
1890

READ the following

From the Supg Engr I Circle - No 2241 G.D. d/11 Decr 1889.
Note by the Chief Engr. P.W.D. dated 8 January 1890

7/7

The estimate amounting to Rs 13,900 for constructing a new building for the Divisional office at Chettipett in the Godavari Western Division is sanctioned.

2. A sum of Rs 8,000 was provided for the work in G.Os No 2995 W. dated 22nd October 1889 and No 3277 W d/ 18 November 1889.

3. Attention is drawn to the Note by the Chief Engineer, above recorded.

4. This sanction has been registered as Provincial No 151 W of 1889-90 and classified as Civil Buildings, Original Works.

8.1.90

9.1.90

Iss
10 Jan

To
The S. E. I Circle
with 6 enclosures
" Exams P. W. Accounts
with duplicate abstract estimate
" Chief Engr. for Irrigation

D 11/1/90

Cu

Kaj

Govt. of Madras.

PUBLIC WORKS.

14/1/90

Dated

Recd.

Encl.

G.O. 11 Jan 1890 No. 73 W

Divisional Office at Chettipett, Godavari Western Dn.

Est. for a new building for the ——, sanctioning with remarks

90/5

11/1/90

11/1