

- (1) பக்கங்களின் எண்ணிக்கை 16
 (2) புதுக்கித் திருப்பிய நாள் 9/50
 (3) ஆதாரங்குறிப்பவர் சுருக்கொப்பம் 10/10

தமிழ்நாடு ஆவணக் காப்பகம்.

தமிழ்நாடு அரசு

P.W.D துறை

(93)

அரசாணை எண். மு. கோப்புத் தாள் எண்.	846	அச்சகம் பலவகை
நாள் :	23-3-1891	198

மடிக்கவோ கண்டபடி கையாளவோ கூடாது

7 Sheets

741 Sheets

ஆவண. கா-1-18,000-15-6-87.

A. Maw



No. 23
m.

Ind. No. 939

Supg. Engineer's office, 4th Circle

Daty - 30th January 1891

From

Lt. Col. R.R.E. Drake Brackman, R.E.

Supg. Engineer, 4th Circle

To

The Inspector General of Registration

Madras.

Sir

Encl. 5.

- 1 Revised Estimate
- 1 Comparative Estimate
- 1 Report
- 1 Specification
- 1 Plan

5

I have the honor to forward for transmission to Government for sanction a revised plan and Estimate amounting to Rs. 7610 for constructing a sub Registrar's office at Manantoddy, Wynnad Taluk, Malabar District. The original estimate amounting to Rs. 4875 was sanctioned in G.O. No. 1123 W of 26th April 1889.

G.O. 555-15 5.69

2. As Manantoddy is much exposed to heavy rain and violent weather, it is absolutely necessary that the building as per type design

of 1888, should have verandah all round and should be roofed with mission tiles over continuous iron sheets. Chimneys have been provided together with some sundry alterations.

3. A comparative statement explaining the differences between the original and revised estimates is here-with forwarded.

I have the honor to be
Sir

Your most obedient servant
Signed / R.E. Drake Brockman Lt Col R.E.
Supg. Engineer, 4th Circle.

T. No 338, 18 February 1891

Kulitalai

Submitted to Government for sanction in substitution of the Estimates sanctioned in G.O. dated 26th April 1889
No. 1123 W.

2. The necessity for the revision of

the estimate is fully explained in the Superintending Engineer's letter.

846/2

Thumara Raghavayya
Insp. Genl. of Regt.

R.P.

To

The Chief Secretary to Government
Fort St. George

Sd/-

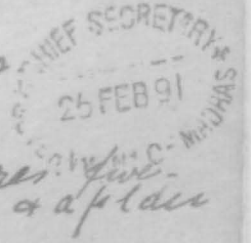
40 31. 5. 84: 1315 mmv
 22. 9. 85: 2552
 1. 10. 85: 2657
 31. 10. 85: 9920
 11. 86: 186
 30. 1. 86: 267
 24. 10. 86: 2192
 18. 6. 88: 1338
 21. 5. 88: 1160
 05. 7. 88: 1579
 16. 5. 89: 8551
 31. 10. 89: 2922
 28. 12. 89: 3327
 Type & size paper

Indl. Cms-939
 Regn (1891) Sept

From
 The Inspector General
 of Registration
 Madras

To
 The Chief Secretary
 to Government
 Fort St George

Dated 18th
 Received 2 February 1891
 Despatched 25th
 No. 338
 Enclosures 4
 & a folder



No.
 Submitting letter from
 the Supg. Engineer to Circle
 forwarding for sanction
 a revised plan & estimate
 for construction of
 sub-registration office
 at Kananakur
 Tellicherry District.

P.W. 27/2/91

846/3

CURRENT No. 939
[9]
P.W.D. No. 2777
DEPARTMENT.

From

38
H.M.
279 March 1891
Approved and transpired
to the Public Works Department.

(By Order)
J. M. C. Attlesworth,
H. Under Secretary.

No.

To the Public Works Dept.

Dated

Received 11-3-91

Enclosures 7 (1 plan)

SUBJECT.

22.10.88 - 24916
7.5.88 - 13336
21.7.88 - 22306
26.4.89 - 11234
27.1.91 - 4570

Public Works Department.

846 TV
TECHNICAL NOTE.

Current No. 2777
Letter No. Nil
Dated 9th March 191
From the Judicial Dept
Name of Work Constructing Sub
District Malabar
Taluk Mannantoddy
Amount of Estimate Rs. 4875
Do. of Revised Estimate Rs. 7610
G.O. sanctioning original estimate No. 11239
dated 26th April 1889.
Difference. More Rs. 2735
Less " "

PARTICULARS OF ESTIMATE.

Main Building Rs. 6920
Subsidiary Buildings " "
Contingencies @ 5% " 345
Petty Supervision do " 345
Land compensation " "
Total Rs. 7610.

PARTICULARS OF CONSTRUCTION.

Surface soil Not stated
Sub soil Gravel
Foundations are to be of 3ft deep
and are to be built with brick
in mortar & carried down
to gravelly soil.
Basement To be of 2 1/2 ft high
& to be built with brick in
mortar.
Walls are to be 13ft high & are to be
built with brick in mortar.

Plastering ⁱⁿ ~~insides of walls with 2 coats of Chumam, but basement all round & top of chimney are to be plastered with $\frac{1}{2}$ " Portland Cement.~~

Pointing ~~Nil~~

Flooring ~~To be 6" concrete broken stone in Chumam & plastered over with $\frac{1}{2}$ " Portland Cement.~~

Roofing ~~To be of Mission tiles, teak rafters & continuous iron sheets.~~

Roof timbers ~~Posts, bresssummers, ridge piece, wall plates and railings are to be of teak - the rafters throughout are to be of jungle wood.~~

Scantlings ~~are correct~~

Doors and Windows ~~are to be of teak.~~

Lightning Conductors ~~Not provided~~

Rates ~~Please see Remarks -~~

The plinth area of the main building is ~~1444~~ square feet, and the cost per square foot will be Rs. ~~11.4.8.~~

The Plan and Estimate have ~~been~~ countersigned by the ~~Inspector General~~ of ~~Registration~~ and ~~approved in the~~ ~~Judicial~~ Department.

REMARKS.

The rates are fair with the exception viz painting 2 coats of Carsons paint for doors & windows as follows:-
Estimate rate Rs 5-6-0 per sq ft
against Schedule rate Rs 4-0-0 per sq ft of 1888 - The saving will be Rs 42 but it is not worth questioning.

It is stated in para 2 of the S.E. letter No. 23 dated 30th January/91 that as

Manantoddy is much exposed to heavy rain and violent weather, it is absolutely necessary that the building as per type design of 1888 should have a verandah all round & should be roofed with Mission tiles over continuous iron sheets - Chimneys have been provided.

Cust
16.3.91

R.912

Rs 64 ⁵⁴⁶/₅

P. W. D.

In P.O. No. 1123 W dated

26th April 1889 and

estimate amounting to Rs 4875 for Construction of a Sub Registrar's Office at Manantoddy was sanctioned -

The S.D. now submits a revised estimate amounting to Rs 7610, showing an excess over the original estimate of Rs 2735.

The chief items of excess are due to the provision of a verandah all round the building, the substitution of continuous iron sheeting instead of planking in construction of the roof, external plastering instead of pointing, and stone

5 40

Engineer P. W. D.

In G.O. No. 1123 W,

dated 26th April 1889 an estimate amounting to Rs 4875 for constructing a Sub-Registrar's office at Manantoddy was sanctioned.

The Suby Engineer now submits a revised estimate amounting to Rs 7,610 showing an excess over the original estimate of Rs 2,735.

The chief items of excess are due to the provision of a verandah all round the building, the substitution of continuous iron sheeting instead of planking in

Plastering ⁱⁿ ~~in~~ sides of walls with all round & top of chin
Pointing Nil

Flooring To be 6" concrete to over with 1/2" sand

Roofing To be of Mission tiles,

Roof timbers Posts, bressummer, railings are to be of

Scantlings are correct.

Doors and Windows are to be of teak

Lightning Conductors Not provided

Rates Please see remarks -

The plinth area of the main building is 1444 square feet, and the cost per square foot will be Rs. 4. 4. 8.

The Plan and Estimate have been countersigned by the Inspector General of Registration and approved in the Judicial Department.

REMARKS.

The rates are fair with the exception viz painting 2 coats of Carrsons paint for doors & windows as follows:-
Estimate rate Rs 5-6-0 per sq ft
against schedule rate Rs 4-0-0 per sq ft of 1888. The saving will be Rs 42 but it is not worth questioning.

It is stated in para 2 of the S.E. letter No. 23 dated 20th January/91 that as

variate in flooring, door & windows which & experience has shown to be necessary in the climate of Munnar today -

The original estimate was drawn up in conformity with the Standard Type Design, but the Chief Engineer would remark that such variations from Type Designs which are rendered necessary by local considerations of climate should in future receive attention when estimates are first submitted.

The revised estimate amounting to Rs 7610 is now submitted for sanction.

P.W.D.
16.3.91

P.W.D.
48

Note by the Chief Engineer P.W.D.

In G.O. No. 1123 W, dated 26th April 1889 an estimate amounting to Rs 4875 for constructing a Sub-Registrar's office at Munnar today was sanctioned.

The Suby Engineer now submits a revised estimate amounting to Rs 7,610 showing an excess over the original estimate of Rs 2,735.

The chief items of excess are due to the provision of a verandah all round the building, the substitution of continuous iron sheeting instead of plank in

in combination with
mission tiles for the
roof, external plastering
instead of ~~plastering~~
pointing and other
variations in flooring,
doors and windows, which
experience has shown
to be necessary in the
climate of Manantoddy.

The original estimate
was drawn up in con-
-formity with the type
design but the Chief
Engineer would remark
that such variations
from type designs
^{as} ~~which~~ are rendered
necessary by local con-
-siderations of climate.
Should in future receive
attention when estimates
are first submitted.

The revised estimate
amounting to Rs 7,610
is now submitted for
sanction.

8013 S
18.3.91 LRS EW

13118
Civil works
N^o 846 W of 23rd March 1891
PUBLIC WORKS DEPARTMENT.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

846/1
READ the following

From the S. & T. Circle N^o 34 E. of 21.1.91
From the Inspector General of Registrars,
N^o 338, of 18.11.91.
Encl in J. & S. Dept., dated 9th March 1891.
Note by the Chief Engt. P. & S. of 1st March 1891.

5P
The revised
estimate amounting
to Rs 7,610 for con-
-structing a Sub Registrar's
office at Manantoddy
in the Malabar Dist.,
has been sanctioned in super-
-session of the estimate
of Rs 4,875 sanctioned
in G.O. No 1123 W, dated
26th April 1889.

2. Attention is
drawn to the note
by

Am,

by the Chief Eng
P.W.D. above recorded.
3. This sanction
has been registered
at Provincial No 115W
of 1890-91, & classified
as Civil Building, Right
Works.

846/8
7A

sub
18.3.91

107

23.3.91
by

Sept
8/4/91

S. E. W. Apple
with 6 copies.
Ex. P. W. Effects
Judicial Dept.

R.S.
by
18.3.91

2777.

Govt. of Madras.

PUBLIC WORKS.

Dated

2/3

Recd.

Encl.

G.O. 23rd March 1891, No 846W.

And Registrars Office at
Mannanaboddy,
Malabar Dist.
Review estimate
of Rs 7610 for canalga-
cautioned.

(7)

10
4

490 2/3/3.
194/3.