

- (1) பக்கங்களின் எண்ணிக்கை 14
 (2) புதுக்கித் திருப்பிய நாள் 2192
 (3) ஆதாரக் குறிப்பவர் சுருக்கொப்பம் 8

தமிழ்நாடு ஆவணக் காப்பகம்.

தமிழ்நாடு அரசு

பொதுப்பணித் துறை

அரசாணை எண்.	3291 W	அச்சகம்
மு. கோப்புத் தாள் எண்.		பலவகை
நாள் :	1-12-1892	199

85

மடிக்கவோ சுண்டபடி கையாளவோ கூடாது.

ஆவண. கா. 1-18,006-69-90.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

READ—the following paper :—

From Lieut.-Colonel A. C. SMITH, R.E., Superintending Engineer, VI Circle,
to the Chief Engineer, Public Works Department, dated Trichinopoly, 26th
October 1892, No. 1147 T.C.

I have the honour to forward, for the sanction of Government, the completion
report for renewing the roof of the Protestant church at Tuticorin in the Tinnevely
division.

2. The revised estimate, amounting to Rs. 5,830, was sanctioned in G.O.,
No. 1555 W., dated 8th June 1891, and the work was completed in December 1891
at an outlay of Rs. 6,451-5-5.

3. The excess of Rs. 621 or 10·65 per cent. over that estimate has been due to
the following causes :—

		Excess.		
		Rs.	A.	P.
(i)	Additional rafters to the roof of portico, wall plates and rafters to main roof and seats for ridge beams and purlins having been found necessary during the progress of work, also to slight excess in dismantling masonry and zinc sheeting	155	12	8
(ii)	Substitution of square stone capitals to pillars on the nave in place of round capitals found unsuitable and to slight excess in coral stone in mortar	18	10	11
(iii)	Repainting to doors and windows which were bleached and faded from long weathering	90	10	10
(iv)	Brick in mortar found necessary to be built under the large beams owing to the unsuitability of coral stone work	102	13	0
(v)	Insufficient quantity of roofing provided in the estimate.	39	10	2
(vi)	Want of provision in the estimate for wood oiling, plastering floor with chunam with $\frac{1}{2}$ Portland cement, cornice work and teakwood batten shutters	536	6	3
(vii)	Petty supervision, to work having been in hand for a longer period than anticipated	34	12	4
(viii)	Want of provision in the estimate for repairs to doors and windows, rattan work, concrete with old coral stone in mortar, iron bolts and washers, &c.	458	1	4
		1,436	13	6
Deduct saving in the items of Bengal terraced roofing with $\frac{1}{2}$ Portland cement plaster, plastering two coats, white and colour washing, scaffolding, pattern packing railway charge, sale of old materials, &c., and iron works		815	8	1
Net excess		621	5	5

4. The completion report has been duly verified by the Examiner of Public Works Accounts and the excess outlay requires the sanction of Government.

ORDER—dated 1st December 1892, No. 3291 W., Public Works.

The outlay of Rs. 621-5-5 incurred in excess of the estimate of Rs. 5,830 sanctioned in G.O., No. 1555 W., dated 8th June 1891, for renewing the roof of the Protestant church at Tuticorin, is sanctioned.

2. It is observed that the excess is principally due to defective estimating and also to the execution of additional work without proper authority.

(True Extract.)

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

To the Superintending Engineer, VI Circle, with three enclosures.
„ Examiner, Public Works Accounts.

Exd. A. D. Xavier.
Spare Copies

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of {1892} Madras.
PUBLIC WORKS.

Dated December, 1st.

Recd.

Encl.

G.O., 1st Dec. 1892, No. 3291 W.

DECEMBER.

Protestant Church at Tuticorin

Excess outlay incurred on the work of
renewing the roof of the —, sanctioned.

No. 1147.T.C

OFFICE OF THE SUPERINTENDING ENGINEER,

6TH CIRCLE.

Tritchinopoly, 26th October 1892

From

Lt Col. A. G. Smith R.E.
The Superintending Engineer,

6TH CIRCLE.

To

The Chief Engineer,

PUBLIC WORKS DEPARTMENT.

SIR,

ENCLOSURE 1

Completion report.

I have the honor to forward, for the
sanction of Government, the completion re-
port for renewing the roof of the Protestant
Church at Tuticorin, in the Tuticorin
Division.

2. The revised estimate amounting to Rs 5,820
was sanctioned in G.O. No. 1555 W & S of 8th June
1891, and the work was completed in De-
cember/91, at an outlay of Rs 6,451-5-5.

3. The excess of Rs 621 or 10.65 per cent over
that estimate has been due to the follow-
ing causes:—

Excess.

1. Additional rafters to the roof of
Portico, wall plates & rafters to main
roof & seats for ridge beams & Burtins
having been found necessary during
the progress of work also slight excess
in dismounting masonry & time spent

Rs 155.12.8.

i. Substitution of square stone capitals to pillars on the nave in place of round capitals found unsuitable to slight excess in coral stone in mortar

Rs 18.10.11

ii. Repainting of doors and windows which were bleached and faded from long weathering

Rs 90.10.10

iii. Brick in mortar found necessary to be built under the large beams owing to the unsuitability of coral stone work.

Rs 102.13.0.

iv. Insufficient quantity of roofing provided in the estimate — Rs 39.10.2.

v. Want of provision in the estimate for wood oiling, plastering floor with chunam with $\frac{7}{8}$ Portland cement, cornice work and Teak wood Baham shutters — Rs 536.6.3.

vi. Lack of supervision, to work having been in hand for a longer period than anticipated. — Rs 34.12.4.

vii. Want of provision in the estimate for repairs to doors & windows, Baham work, concrete with old coral stone in mortar, iron bolts & washers &c.

Rs 458.1.4

1436.13.6

Subsequent saving in the items of Bangat terraced roofing with $\frac{1}{2}$ Portland cement plaster, plastering 2 coats, white & color washing, seafolding, Baham packing Railway charge, Sale of old materials &c. and iron works.

Rs 815.8.1

In excess 621.5.5

2. Dec

4. The completion report has been duly verified by the Examiner of P.W. accounts and the excess outlay requires the sanction of Government.

I have the honor to be,
Sir,

Yours most obedient servant.

Al Smith, L. J. B. R. E.
Supg. Engineer, B. C. C.

Al Smith

P. W. DEPARTMENT No. 0793

P. W. D. 6th CIRCLE.

From

The Superintending Engineer,

6th Circle.

To

THE CHIEF ENGINEER,

PUBLIC WORKS DEPARTMENT.

No. 1147.T.C

Dated 26th Dec: 28th } October 1892
Received

Enclosures. 1.

Protestant Church
at Tuticorin, Trimmally
Division - Submitting
for sanction of Govt.
the Completion Report
for renewing the roof
of the -

No. 2999W of 13-11-90 ✓
1555W of 13-11-91 ✓

Public Works Department.

Current No. 10,993

Letter No. 1147.T.C.

Dated 26 October 1892

From the Super Engineer VI Circle

TECHNICAL NOTE.

The accompanying completion report for renewing the roof of the Protestant Church at Tuticorin in the Trimmally District is submitted by the Super Engineer VI Circle for the sanction of Govt.

An estimate amounting to Rs 3410 was originally sanctioned for the work. This estimate was found to be unsuitable owing to the span of the building being too large for roofing with copper viz 33 feet and to many of the rafters & main beams being decayed.

A revised estimate amounting to Rs 5830 was then sanctioned in G.O. No. 1555 dated 8th June 1891. This estimate provided for renewing the roof with light iron broad transoms covered with Calcutta Mission tiles.

The work was completed at an outlay of Rs 6451.5.5 with Rs 621 or 10.6% in excess over the

Put up his report
T. N. S.
15.11.92
3291

original & revised
estimate files are herewith put up
with T. N. S. within
the
15.11.92

may be sanctioned
with the remark
that the excess is
principally due to
defective estimating,
and also to the
excessive addition
of work without proper
authority for doing

15.11.92

revised estimate due to the following causes:-

(a) Expenses due to additional work found necessary during execution, not provided for in estimate, such as, additional ceiling wall plates, wooden bed plates under perches & ridge pieces, brick in mortar Rs. Rs. 402

(b) Additional work executed without authority, not provided in estimate, such as repainting doors & windows, woodwork, roof timbers, plastering floor, teak butter shutters, repairs to doors & windows Rs. - 1085

(c) Expenses due to error in estimate owing to incorrect quantities of work Rs. 40

(d) Due to alteration in estimate from round stone caps of pillars to square caps Rs. 16

(e) Due to work having been in hand longer than anticipated Rs. 35

What Gross Rs. 1570

Deduct savings on other items & cost of materials } 957

What Gross 621

The completion report has been verified by the Engineer P.W. Dept.

Item (b) should have been treated as repairs to a repair estimate sanctioned instead of charging the items under original works for the following: repainting doors & windows, woodwork, roof timbers, repairs to doors & windows Rs. Rs.

A. N. 3291. W. of 1st December 1902

PROCEEDINGS OF THE MADRAS GOVERNMENT.

Read the following

From the S. E. VI Circ. No. 1147 J.C. d/26 Oct. 1902

The outlay of Rs. 621.55

incurred in excess of the estimate of Rs. 5830 sanctioned in G.O. No. 1555W d/8th June 1891 for renewing the roof of the Protestant Church at Tuticorin, is sanctioned.

2. It is observed that the excess is principally due to defective estimating and also to the execution of additional work without proper authority.

The S. E. VI Circ. with 3 encls.

Encl. P.W. Dept.

For 30/1/02

29/1/02

