(1) பக்கங்களின் எண்ணிக்கை 20
(2) புதுக்கித் திருப்பிய நாள் 10/8/1
(3) ஆதாரங்குறிப்பவர் சுருக்கொப்பம்

தமிழ்நாடு ஆவணக் காப்பகம்.

தமிழ்நாடு அரசு

PWD துறை

அரசாணை எண். மு. கோப்புத் தாள் எண்.	2148	அச்சகம் பலவகை
நாள் :	3-8-1892 ~~198~~ .	

மடிக்கவோ கண்டபடி கையாளவோ கூடாது

6 Sheets

ஆவண, கா-1—18,006—15-6-87.

3rd August 1892, No. 2148 W., Public Works.

2148/1

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

Read—the following paper:—

From Lieut.-Colonel R. R. E. DRAKE-BROCKMAN, R.E., Superintending Engineer, IV Circle, to the Chief Engineer, Public Works Department (through the Collector of Malabar), dated 20th June 1892, No. 285 W.

I have the honour to submit, for sanction of Government, a revised estimate, amounting to Rs. 37,400, or Rs. 3,330 more than the original estimate, sanctioned in G.O., No. 2380 W., of 12th October 1885, for constructing a first-class taluk cutcherry at Perinthalamana in the Malabar district.

2 The items of excess requiring explanation are—

	RS.
(1) Foundation	211
(2) Tendered rates being in excess of the estimate	1,720
(3) Wood work	1,146
(4) Cutstone work	1,291
	4,368
Deduct savings in sundry items ...	1,038
	3,330

(1) The foundation had to be carried down to firm soil.

(2) The rates tendered for (1) laterite in chunam, (2) teakwood, (3) roofing and (4) asphalte flooring, &c., were more than the estimated ones.

(3) The scantlings allowed in the estimate for woodwork were found insufficient.

(4) Cut stone had to be substituted in steps instead of laterite allowed in the estimate as the laterite obtainable in the locality was unfit for steps.

3. All these could have been foreseen and the revised estimate sent in time, but, as I have frequently found to be the case in the West Coast division, the papers were delayed for an unnecessarily long time and arrangements were already made to carry out the work as per revised estimate under reference without the knowledge of this office and pending sanction of Government.

No. 719 P./Gl.

Forwarded.

(Signed) H. BRADLEY,
Acting Collector of Malabar.

11th July 1892.

Note by the Chief Engineer, Public Works Department.

The revised estimate, submitted by the Superintending Engineer, IV Circle, for constructing a taluk cutcherry at Perinthalamana amounts to Rs. 37,400, which is in excess by Rs. 3,330 or 9·77 per cent. over the original sanctioned estimate.

2. This excess is made up of—

	RS.
(*a*) Works stated to have been found necessary during progress of the work and not provided for in the original estimate	888
(*b*) Extra depth allowed to foundations	211
(*c*) Deviations from sanctioned estimate by the substitution of material differing from that provided	1,358
(*d*) Increased scantling for roof timber	552
(*e*) Increase due to difference between tendered rates accepted and estimate rates	2,315
(*f*) Other items	91
Total ...	5,415
Deduct savings ...	2,085
Total excess ...	3,330

3. Of these excesses it is observed that (*a*) and (*c*) should not have been carried out without proper authority.

4. As regards (*b*) the depth of foundations allowed in the original estimate was based on a series of trial pits sunk at the site of the work. The depth now allowed is, however, approved.

5. As regards (*d*) it is considered that there was no necessity to alter the scantling as originally allowed which was ample. The reduction in section of the purlins from 6" square to 6¾" × 4" is not approved.

6. (*e*) The amount of the original estimate being in excess of Rs. 20,000, the tenders for the work should have been, under para. 1350 of the Code, forwarded to the Chief Engineer for his selection and acceptance. This does not appear to have been done and the Superintending Engineer will report when and by whom the contract was accepted.

7. The original estimate appears to have been carefully drawn up, but some six years elapsed between sanction being accorded and the commencement of the work.

8. The revised estimate is submitted for sanction.

28th July 1892.

(Signed) J. PENNYCUICK, Colonel, R.E.,
Chief Engineer, P.W.D.

ORDER—dated 3rd August 1892, No. 2148 W., Public Works.

The revised estimate, amounting to Rs. 37,400, for constructing a first-class taluk office at Perinthalamana in the Malabar district, is sanctioned in supersession of the estimate of Rs. 34,070, sanctioned in G.O., No. 2380 W., dated 12th October 1885.

2. The expenditure on the work to the end of 1891–92 was Rs. 30,000. There is a provision of Rs. 4,000 in the current year's budget and an additional allotment of Rs. 3,400 has been made in G.O., No. 1752 W., dated 13th June 1892. No further appropriation is thus necessary for the completion of the building.

3. The Executive Engineer, West Coast division, should be called upon to explain the delay and the irregularity brought to notice in the concluding paragraph of the Superintending Engineer's letter.

4. The sanction accorded in para. 1 of these Proceedings has been registered as Provincial No. 35 W. of 1892–93 and classified as Civil Buildings, Original Works.

5. Attention is drawn to the remarks made by the Chief Engineer in his note.

(True Extract.)

248/2

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

To the Superintending Engineer, IV Circle, with seven enclosures.
" Examiner, Public Works Accounts.
" Revenue Department.

Exd. A. D. Xavier.
Spare Copies

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of {1892} Madras.
PUBLIC WORKS.

Dated August, 3rd.

Recd. *Encl.*

G.O., 3rd Aug. 1892, No. 2148 W.

AUGUST.

Taluk Office at Perinthalamana

Revised estimate of Rs. 37,400 for constructing a first-class — in the Malabar district, sanctioned with remarks.

Supdg. Engr's Office 4th C.
20th June 1892

No 285/W

From

Lt. Col. R. H. E. Drake Brockman R.E.,
Superintending Engineer,
4th Circle.

No 48/4/7

To

The Chief Engineer,
P. W. Department
Thro' the Collector of Malabar

Enclosures. 4
- 1 Revised detailed Estimate
- 1 General Abstract.
- 1 Comparative Statement
- 1 Report
- 3 of plans in tracings

Sir,

I have the honor to submit for sanction of Government a revised estimate amounting to Rs 37,400 or 3,330 Rs more than the Original estimate, sanctioned in G. O. No. 2,380 W of 12th October 1885, for constructing a first class Taluk Cutcherry at Perintalamanna in the Malabar District.

2. The items of excess requiring explanation are;

(1) Foundation . . . . Rs 2

(2) Tendered rates being in excess

B. f. Rs	1931
(3) Wood work.	1146
(4) Cut stone work	1291
Rs	4368
Deduct savings in sundry items.	1038
Rs	3330

4 not correct pl
in my note

(1) The foundation had to be carried down to firm soil.

(2) The rates tendered for (1) Laterite in cheenam (2) Teak-wood (3) Roofing & (4) Asphalte flooring were more than the estimated ones.

(3) The scantlings allowed in the estimate for woodwork were found insufficient

(4) Cut stone had to be substituted in steps instead of laterite allowed in the estimate as the laterite obtainable in the locality was unfit for steps.

All these could have been

2 Pin

foreseen and the revised estimate sent in time, but, as I have frequently found to be the case in the West Coast Division, the papers were delayed for an unnecessarily long ~~long~~ time and arrangements were already made to carry out the work as per revised estimate under reference, without the knowledge of this office and pending sanction of Government.

I have the honor to be
Sir,
Your most obedt. Servt.

Lt. Col. R.E.
Superintending Engineer
4th Circle

3 Pn

No. 719-L
96

~~Forwarded.~~

Herbert Bradley
Ag. Collector of Malabar
1st July 192

P. W. CURRENT No. 7217

From

The Supg. Engr
4 Circle

28 JUN 92

Rs 2380 W d/ 12-10-85 ×
572/A E d/ 8-9-85
2440 E d/ 17-6-85 ×
2487 W d/ 8-10-84 ×
780 W d/ 10-3-83 ×
262 W d/ 23-1-83 ×
3812 W d/ 2-11-83 ×
582 W d/ 4-2-78 ×
2196 W d/ 28-5-83 ×
1801 W d/ 9-9-83 ×

Dated 20th } June 1892
Despd 21st

Rs 1055 W d/ 28-4-82 ×
2440 W d/ 20-9-82 ×
1752 W d/ 13-6-92 ×

No 285/W

Enclo 7 × (3 class)

Talug Cutcherry at Perintalamana

Forwarding for sanction of Govt a revised estimate of Rs 37400/ for constg a 1st class ——

0/27/7

Ref. R 3.8.92

For check

11.7.92

2148/8

Public Works Department.

Current No. 7217

Letter No. 285/W

Dated 20th June 1892

From the Supg Engineer IV Circle.

TECHNICAL NOTE.

Revised estimate for constructing a Taluq Office at Perintalamana amount of Estimate Rs 37400

The accompanying revised estimate amounting to Rs 37400 for constructing a first class Taluq Office at Perintalamana in the Malabar District is submitted for the sanction of Govt. in lieu of the original estimate amounting to Rs 34070 sanctioned in G.O. No. 2380 W dated 12th October 1885. The excess of Rs 3330 or 9.77% over the original sanction is made up as follows:—

(a) Omissions in original estimate such as Stoney work, ... glass windows in upper storey, zinc sheeting to valleys &c. Rs 208

(b) Works found necessary during progress but not originally estimated for, such as weather boards to windows, glazed shutters to fan-lights, tarring iron work, forming roadway, spreading gravel

ground around the building
width of 10 feet & for clearing
levelling site ——— Rs

(c) Extra depth of foundation to
building carried to firm soil Rs 2

(d) Alteration in materials, using
cut stone steps instead of
laterite steps & square tile
flooring on concrete instead of
concrete floor with smooth
plaster ——— Rs 358

(e) Increased scantlings for
roof timbers in main & sub-
sidiary buildings —— Rs 557

(f) Increased tendered rates Rs 3315

(g) Other petty items ——— 91

Total excess Rs	5415
Deduct savings ———	2085
Total excess Rs	3330

The necessity for executing additional works (b) & for altering materials of construction (d) & scantlings of roof timbers (e) without authority have not been explained.

The scantlings provided in the original estimate were correct vide pencil dimensions entered in the estimate by the Exe. Office. They agree with the tables attached to the standard specification — vide pencil figures in margin of estimate. The roof being of Mangalore tiles which is much lighter than flat & pan tiles, a weaker section for roof timbers than those provided

provided in the original estimate should have been adopted instead of increasing the same.

The Supdg. Engineer, 1st Circle reports that the items of excess have been produced & that the revised estimate sent in time but that it was unnecessarily delayed in the [illegible] Division.

2148/6

The S.E. makes no mention as to when accepting the contract for the work & from the statement given below it will be seen that the tendered amount is Rs 7,580 or 6.3% in excess of the original estimate. The tendered rates are for a few items, far in excess & in no case below the sanctioned rates. It is presumed that the work was undertaken without the tender being first accepted, as the acceptance of the contract cannot be traced in this office. The contract amount being over Rs 10000 should under para 135 of the Code be accepted by the Chief Engineer. The S.E. may be called on to report as to when & by whom the contract was accepted.

Statement showing excess of tendered rates over original sanct.

excess.

Main building.	Quantity	Excess rate	Excess amount
Laterite in chunam	38,725 –	1-0-0 –	387
Archwork	1395 –	2-0-0 –	30
Teakwood	1360 –	0-8-0 –	680
Roofing	13774 –	5-0-0 –	689
Asphalte flooring	1101 –	7-0-0 –	77
other than basement	3079 –	3-0-0 –	93
Wood ceiling	13774 –	0-4-0 –	35
Record shed			
Laterite in chunam	1465 –	1-0-0 –	15
Woodwork	57 –	0-8-0 –	29
Cook room			
Laterite in chunam	1459 –	1-0-0 –	14
Woodwork	7 –	0-8-0 –	4
Office latrine			
Laterite in chunam	1467 –	1-0-0 –	15
Teakwood	28 –	0-8-0 –	14
Asphalte floor	454 –	7-0-0 –	32
Jail latrine			
Laterite in chunam	1120 –	1-0-0 –	11
Woodwork	19 –	0-8-0 –	10
Asphalte floor	259 –	7-0-0 –	18
Total excess by standard rates on original estimate			2153

The amounts of excess as shown in the E.E.'s letter are incorrect. They have been detailed in full in this note.

The general abstract of the ~~Compound~~ Revised estimate has been countersigned by the Collector.

21.V.1892

P. W. Department

1

From the Supdg. Engineer IV circle No 285 W dy 20-6-92. Endorsement thereon by the Collector of Malabar No 7191/92 dy 9th July 1892.

28/7

Note by the Chief Engineer Public Works Department

2184/7

The revised estimate submitted by the Supdg. Engr. IV circle for constructing a Taluq Cutcherry at Perintalmanna amounts to Rs 37400 which is in excess by Rs 3330 or 9.77 per cent over the original sanctioned estimate.

This excess is made up of:

(a) Works stated to have been found necessary during progress of the work and not provided for in the original estimate - Rs 888.

(b) Extra depth allowed to foundations - Rs 211.

(c) Deviations from sanctioned estimate by the substitution of material differing from that provided - Rs 1358.

(d) Increased scantling for roof timber Rs 552

(e) Increase due to difference between tendered rates accepted and estimate rates - Rs 2315

(f) Other items - Rs 91

Total — 5415

Deduct Savings — 2085

Total Excess — 3330

Of these excesses it is observed that (a) & (c) should not have been carried out without proper authority

As

4. As regards (b) the depth of foundations allowed in the original estimate was based on a series of trial pits sunk at the site of the work - The depth now allowed is however approved.

5 As regards (d) it is considered that there was no necessity to alter the scantling as originally allowed which was ample -

The reduction in section of the purlins from 6" square to 6" × 4" is not approved.

6 (1) The amount of the original estimate being in excess of Rs 20,000 the tenders for the work should have been, under para 1350 of the Code forwarded to the Chief Engineer for his selection and acceptance. There does not appear to have

have been done, and the Suptg. Engineer will report when and by whom the contract was accepted.

8. The original estimate appears to have been carefully drawn up, but some six years elapsed between sanction being accorded and the commencement of the work.

9. The revised estimate is submitted for sanction.

23/7 Ew

No 2148 W d/3rd August 1892

PUBLIC WORKS DEPARTMENT.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

2148/9

READ the following

From the Suptg. Engr. IV circle No. 285 W d/20th June 1892

Endorsement thereon by the Collector of Malabar No. 3197 d/19 July 1892

Note by Chief Engr. P.W.D. dated 28 July 92

The revised estimate amounting to Rs. 37,400, for Constructing a first class taluk office at Perinthalamana in the Malabar District, is Sanctioned in Supersession of the estimate of Rs. 34,070, Sanctioned in G.O. No. 2380 W d/12 October 1885.

2. The expenditure on the work to the end of 1891-92 was Rs. 30,000. There is a provision of Rs. 4,000 in the Current year's budget and an additional allotment of Rs. 3,400 has been made in G.O. No. 1752 W d/13th June 1892. No further appropriation is thus necessary for the Completion of

of the building.

3. The Executive Engineer, West Coast Division should be called upon to explain the delay and the irregularity brought to notice in the concluding para of the Supdg. Engineer's letter.

4. The sanction accorded in para 1 of these proceedings has been registered as Provincial No. 35 W of 1892-93 and classified as Civil Buildings, Original Works.

5. Attention is drawn to the remarks made by the Chief Engineer in his note.

To
The Secretary to Govt. Rev
for information

DVL
27.1.93

S
27.2

20/7

To
The S. E. IV Circle
with 7 enclos
" Exar. P.W. Accts
" Revenue Depts

1/2

OC

OH 50-7
R.S 28-7

2198/10

C Ms. 7217.

Govt. of {1892 Madras.
PUBLIC WORKS.

Dated

Recd. Encl.

G.O. 5th August 1892 No. 2148-W

Taluk office at
Perinthalmanna

Revised estimate of
Rs 37,400 for constructing
a first class ——— in
the Malabar Dist., sanctioned
with remarks

⑩

90/

J.C. 3/8 4/8