(1) பக்கங்களின் எண்ணிக்கை 22

(2) புதுக்கித் திருப்பிய நாள் [illegible]

(3) ஆதாரங்குறிப்பவர் சுருக்கொப்பம்

தமிழ்நாடு ஆவணக் காப்பகம்.

(68)

தமிழ்நாடு அரசு

P. W. D துறை

அரசாணை எண்.
மு. கோப்புத் தாள் எண். 1044

அச்சகம்
பலவகை

நாள் : 16-4-1889 19~~X~~.

மடிக்கவோ கண்டபடி கையாளவோ கூடாது

ஆவண. கா-1—18,000—15-6-87.

1044

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

READ—the following paper:—

Proceedings of the Board of Revenue (Separate Revenue), dated 20th March 1889, Mis. No. 1037.

Read—the following letter from H. M. WINTERBOTHAM, Esq., Collector of Malabar, to the Secretary to the Commissioner of Salt, Abkári and Separate Revenue, dated 14th March 1889, No. 250:—

I have the honor to forward herewith, for Government sanction and provision of funds, a plan and estimate, amounting to Rs. 4,320, for repairing and partially reroofing with mission tiles the goods sheds attached to the new Sea Custom House, Calicut, together with a report, specification and abstract of the estimate received from the Superintending Engineer, IV Circle, with his letter (copy enclosed) of the 9th instant, No. 76-M.

2. The European mercantile firms at Calicut pay a rent to Government for the use of the above sheds. They have repeatedly represented that their goods stored therein would suffer severe damage in the coming monsoon season in consequence of the leaky state of the corrugated iron roofing. The Executive Engineer, West Coast division, was accordingly requested to take on hand the repairs sanctioned as per G.O., No. 1316, Financial, dated 16th December 1887. In his reply * the Executive Engineer stated that he found almost the whole of the corrugated iron roofing to be eaten through by the sea air, and that to replace the sheeting with mission tiles, the most enduring form of roof, would cost a large sum (about Rs. 7,000). He further stated that he found it impossible to procure any composition with which to coat the existing iron roof as a palliative measure.

3. In his report, dated 24th January 1889, accompanying the present estimate, the Executive Engineer proposes (in order to reduce the cost) to reroof half the sheds with mission tiles, removing the sheets of iron carefully, and after coating the upper surface of the sheets in the undisturbed half of the roof with a mixture of tar and sand, to lay the sheets removed from the other half upon them, and to secure them well down.

4. If this plan is followed, half the length of roof will then consist of mission tiles and the other half, of a double roof of corrugated iron, with an intermediate layer of sand and tar. I can suggest no cheaper method of making the roof water-tight, and beg therefore to recommend that the work may be sanctioned at an early date so as to admit of the repairs being carried out before the monsoon.

Read—also the following letter from the same Officer, dated 15th March 1889, No. 253:—

In continuation of my letter, dated 14th March 1889, No. 250, I have the honor to point out that the Public Works Provincial budget for the year 1889-90 contains a provision (item 48) of Rs. 2,000 for providing an office for the Assistant Superintendent of Sea Customs at the old Custom House, Calicut. This project must be held in abeyance till it is determined whether the railway is to be extended to the beach, and the want of the office is not in my opinion an urgent one. The provision may therefore be utilized in repairing the roof of the sheds at the new Custom House.

---

* No. 1104, dated 23rd November 1888.

Resolution—dated 20th March 1889, Mis. No. 1037.

The estimate, amounting to Rs. 4,320, for repairing and partly reroofing the goods sheds attached to the new Sea Custom House at Calicut is submitted for the sanction of Government.

2. The work is to be executed by the Public Works Department, and the Collector points out that the sum of Rs. 2,000 entered in the Provincial Public Works budget for 1889-90 for providing office accommodation at the old Sea Custom House at Calicut can be utilized for the work now proposed.

3. Early orders are requested as it is essential that the work should be carried out before the monsoon.

(True Copies and Extract.)

(Signed) HERBERT BRADLEY,
Secretary.

No. 1958, Revenue.

Approved and transferred to the Public Works Department.

FORT ST. GEORGE,
27th March 1889.

(Signed) C. A. GALTON,
Secretary to Government.

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

The purlins should be increased in scantling from 6″ × 6″ to 8″ × 8″, and probably the section of the existing hip rafters is insufficient.

2. The section of the roof shown on the plan gives 21 feet as the length of the common rafters, but the estimate provides for 19 feet rafters, and this length will be sufficient if it allows the feet of the rafters to be on a line drawn from the bottom of the tie beam of the truss as marked on the plan in red ink.

ORDER—dated 16th April 1889, No. 1044 W., Public Works.

The estimate, amounting to Rs. 4,320, for repairing and partly reroofing the goods sheds attached to the Sea Custom House at Calicut, is sanctioned.

2. The sum of Rs. 2,000 provided in the preliminary issue of the Provincial budget for 1889-90 for the construction of an office for the Assistant Superintendent of Sea Customs at Calicut will be withdrawn in the final issue as proposed by the Collector and allotted to the work above sanctioned.

3. Attention is drawn to the note by the Chief Engineer, Public Works Department, recorded above.

4. The sanction accorded in para. 1 of these Proceedings has been registered as Provincial No. 2 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, IV Circle, with five enclosures.
„ Examiner, Public Works Accounts, with the duplicate abstract estimate.
„ Revenue Department.

Exd. J. Henricus.
Spare Copies

1044

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of {1889} Madras.

PUBLIC WORKS.

Dated April, 16th.

Recd. Encl.

G.O., 16th April 1889, No. 1044 W.

APRIL.

Sea Custom House at Calicut

Estimate for repairing and partly re-roofing the goods sheds attached to the —, sanctioned with remarks.

Superintending Engineers office IV Circle
No. 76/M. Camp. Karur, 9th March 1889.

1054

To,
The Collector of Malabar.
Calicut.

Sir,

I have the honor to forward for transmission to Government for sanction and provision of funds, the plan and estimate you approved amounting to Rs 4,320 for re-roofing a portion of the goods-shed attached to the Sea Custom House at Calicut, with mission tiles, together with a report, specification, and duplicate abstract of the estimate.

Enclosures — 5.
1 Estimate with bstract for Rs 4320.
1. Duplicate abstract.
1. Report
1 specification.
1. Plan.

3

2. The estimates already sanctioned and

1 Estimate for Rs 884 in March /88.
— do — Rs 180 in Novr. /88.
— do — Rs 220 in March 1887.

6
Inw. 2280/89.

and noted in the margin for repairing the existing roof were found ineffectual in checking the leakages owing to the causes explained in the Executive Engineer's report accompanying.

I have &c.
Signed). A. C. Smith Lt. Col. R. E.
Supg: Engineer IV Circle.

(True copy)

For Collector.

Calicut
14/3/89.

1R

Revenue Board Office, Madras.

Proceedings of the Board of Revenue

(Separate Revenue).

1044

Dated 20th March 1889.

No. 1037 Mis.

READ .... the following letter from H. M. Winterbotham Esquire, Collector of Malabar, to the Secretary to the Commissioner of Salt, Abkari and Separate Revenue, dated 14th March 1889, No 250:—

I have the honor to forward herewith for Government sanction and provision of funds a plan and Estimate amounting to Rs 4320, for repairing and partially re-roofing with mission tiles the goods-shed attached to the new sea Customs House, Calicut, together with a report, specification and abstract of the Estimate, received from the Superintending Engineer, IV Circle with his letter× of the 9th Instant No 76/M.

× Copy enclosed

2. The European Mercantile Firms at Calicut pay a rent to Government for the use

4

4

use of the above sheds. They have repeatedly represented that their goods stored therein would suffer severe damage in the coming monsoon season, in consequence of the leaky state of the corrugated iron roofing. The Executive Engineer, West Coast Division, was accordingly requested to take on hand the repairs sanctioned as per G. O. No. 1316, Financial, dated 16th December 1887. In his reply the Executive Engineer stated that he found almost the whole of the corrugated iron roofing to be eaten through by the sea air and that to replace the sheeting with mission tiles, the most enduring form of roof, would cost a large sum (about Rs 7,000). He further stated that he found it impossible to procure any composition with which to coat the existing iron roof as a palliative measure.

No 1104, dated November 23, 188

3. In his report dated 24th January 1889, accompanying

accompanying the present Estimate, the Executive Engineer proposes (in order to reduce the cost), to re-roof half the sheds with mission tiles, removing the sheets of iron carefully, and after coating the upper surface of the sheets in the undisturbed half of the roof with a mixture of tar and sand, to lay the sheets removed from the other half upon them, and to secure them well done down.

4. If this plan is followed, half the length of roof will then consist of mission tiles and the other half, of a double roof of corrugated iron, with an intermediate layer of sand and tar. I can suggest no cheaper method of making the roof water-tight and beg therefore to recommend that the work may be sanctioned at an early date, so as to admit of the repairs being carried out before the monsoon.

Read also the following letter from the same Officer dated March 15, 1889, No. 253:—

In continuation of my letter dated 14th March 1889, No. 250, I have the honor to point out that the Public Works Provincial Budget for the year 1889-90 contains a provision (item 48) of Rs 2,000 for providing an Office for the Assistant Superintendent of Sea Customs, at the Old Custom House, Calicut. This project must be held in abeyance till its is determined whether the Railway is to be extended to the beach, and the want of the Office is not in my opinion an urgent one. The provision may therefore be utilized in repairing the roof of the sheds at the new Custom-House.

Resolution

The Estimate amounting to Rs 4,320. for repairing and partly re-roofing the Goods sheds attached to the new Sea Custom House at Calicut is submitted for the sanction of Government.

2. The work is to be executed by the Public

Works

Works Department, and the Collector points out that the sum of Rs 2,000 entered in the Provincial Public Works Budget for 1889-90 for providing Office accommodation at the old Sea Custom House at Calicut can be utilized for the work now proposed.

3. Early orders are requested as it is essential that the work should be carried out before the monsoon.

(True Copy and Extract.)

Herbert Bradley

Secretary.

To

The Secretary to Government, Revenue Depart. with enclosures.

Collector of Malabar.

N.

6

6

ABSTRACT.

G.O. B no. 15 W a/5-1-88.

4

Endorsement No. 1958.

Approved and transferred to the Public Works Department.

Fort St George }
27 March }
1889. } C. Acton
Secretary to Govt.

To
The Public Works Deptt
with enclosures.

SECRETARY TO GOVERNMENT
-1 APR. 89
P.W. DEPARTMENT, MADRAS.

0/8/4.
C.A.

(1889.)

REVENUE DEPARTMENT.

No. 2282.

From
The Board of Revenue
(Separate Revenue).

Dated 20 }
Received 24 } March 1889.
Enclosures

No. 1037 Mis.

SUBJECT.

Submitting for the sanction of Govt. the estimate amounting to Rs 4320 for repairing and partly reroofing the goods sheds attached to the new Sea Custom House at Calicut.

3/4/89

Endorsement

5-P

C/
Copy

Note by Chief Engr. P.W.D.

The purlins should be increased in scantling from 6" × 6" to 8" × 8" and probably the section of the existing hip rafters is insufficient.

2 The section of the roof shewn on the plan gives 21 feet as the length of the common rafters, but the estimate provides for 19 feet rafters, and this length will be sufficient if it allows the feet of the rafters to be on a line drawn from the bottom of the tie beam of the truss, as marked on the plan in red ink.

E.W.

Note.

The junction between the two descriptions of roof will be an awkward place to make water tight. The Ex. Engr says that nearly all the sheets of corrugated iron, are defective, in that case I doubt whether a double roof of these sheets will be much better than a single one, but the experiment is worth trying.

8.4.89

9.4.89

8

purposes are proposed

Pro. 27/4

1044

Public Works Department.

Current No. 3072

Letter No. 1958

Dated 27th March 1889

From the Revenue Depts:-

Sanction W.W. 5.4.89 B

Note by [illegible]

NOTE OF REMARKS.

The estimate under review amounting to Rs 4,320 provides for dismantling one half of the corrugated iron roofing of the goods shed at the Sea Custom House at Calicut and re-roofing the same with Mangalore tiles, also for coating with tar and sand the undisturbed half ~~and~~ of the roof laying over it the sheets removed from the other half of the shed —

9 In order to strengthen the framing of the roof intermediate rafters are provided

4.

for that portion which is to be tiled but it is necessary that the section of the purlins should be increased from 6" x 6" to 8" x 8", the existing purlins could be utilised for rafters.

The eaves although shown on the plan to project beyond the bottom line of the tie beam of the truss is in reality about the line as the lengths of the rafters given in the Est: is only 19' the span is about 30' to outside of pillars and the rise is 10' from the bottom of the tie beam.

The rates are fair

The plan & Est. have been countersigned by the Collector.

C. W. P. 3/4/89

~~The purlins should be increased from 6" x 6" to 8" x 8"~~

Note by E.W.

The purlins should be increased in scantling from 6" x 6" to 8" x 8" and probably the section of the existing hip rafters is insufficient

The section of the roof shewn on the plan gives 21 feet as the length of the common rafters, but the estimate provides for 19 foot rafters, and this length will be sufficient if it allows the feet of the rafters to be on a line drawn from the bottom of the tie beam of the truss, as marked on the plan in red ink.

W.C.B.
5.4.89

B&R Works

No. 1044 W

PUBLIC WORKS DEPARTMENT.

1044

G.P.

A

PROCEEDINGS OF THE MADRAS GOVERNMENT.

UNDER date the 15th April 1889

READ the following

Proceedings of the Board of Revenue. H. E. No 1037 Mis: d/20th March 1889.

Endorsement by the Revenue Deptt. H. E. No 1958 d/27th March 1889.

Note by the chief Engineer P. W. D. d/ General & Building & Roads Branch.

The estimate amounting to Rs 4,320, for repairing and partly reroofing the goods sheds attached to the Sea Custom House at Calicut, is sanctioned.

2 The sum of Rs 2,000 provided in the preliminary issue of the Provincial Budget for 1889–90 for the construction of an office for the Assistant Superintendent of Sea Customs at Calicut will be withdrawn in the final issue as proposed by the Collector and allotted to the work above sanctioned.

Wd 11 apr

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

4.

4. The sanction accorded in para 1 of these proceedings has been registered as Provincial No. 2 W. of 1889-90, and classified as Civil Buildings, Original Works.

WCB
8.4.89

Rued
9.4.89

10/4

To The Secy to Govt Revenue Dept for favor of communication with reference to para 2.

7 C
10/4/89

13 May

H.B.
8.4.89

9/5/89

To

The Suptg. Engr. IV Circle
with 5 enclosures.
" Examiner of P.W. Accounts
with the duplicate
abstract estimate.
" Revenue Department.

8/4
Pras. O.H. 27/4. H.M. 10/4.

7

1044

Govt. of {1889} Madras.

PUBLIC WORKS.

18/4

Dated

Recd. Encl.

G.O., 16 apl 1889, No. 1044 W

Sea Custom House

=

at Calicut

=

Est: for repairing and partly re-roofing the goods sheds attached to the —, sanctioned with remarks.

CP

100/6

17/4