(1) பக்கங்களின் எண்ணிக்கை 20

(2) புதுக்கித் திருப்பிய நாள் ஆகஸ்ட் 1988

(3) ஆதாரங்குறிப்பவர் சுருக்கொப்பம் 26.9.88

தமிழ்நாடு ஆவணக் காப்பகம்.

தமிழ்நாடு அரசு

மனித உரிமைத் துறை

அரசாணை எண். 24-27 ப — அச்சகம்

மு. கோப்புத் தாள் எண். — பலவகை

நாள் : 2.10.1884 — 198-.

மடிக்கவோ கண்டபடி கையாளவோ கூடாது

ஆவண. கா-1—18,006—15-6-87.

GOVERNMENT OF MADRAS.

2427.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

READ—the following paper :—

Proceedings of the Board of Revenue, dated 1st September 1884, No. 3048.

Read—the following letter from C. A. GALTON, Esq., Acting Collector of Malabar, to the Secretary to the Board of Revenue, dated Calicut, 23rd August 1884, No. 3926 :—

I have the honor to submit, for the approval of the Board and Government, plans and estimates received from the Superintending Engineer, IV Circle, for the construction of a new custom house, store-sheds, &c., at Cochin, the building now used as customs office having been condemned by the Public Works Department.

2. During my visit to Cochin last year, I observed that, apart from the dilapidated condition of the custom house, there was also not sufficient accommodation for the storage and safe custody of goods, and great inconvenience was further experienced in landing articles from vessels for want of a proper wharf. All these requirements have been provided for in the present estimates, which amount to Rs. 17,940, not Rs. 17,740 as stated by the Superintending Engineer ; and I beg that Government may be moved to sanction an early allotment of funds and order the execution of the works without delay.

3. A copy of the Superintending Engineer's letter and its accompaniments are herewith submitted.

—

ENCLOSURE No. 1.

From Colonel J. BEATTY, R.E., Superintending Engineer, IV Circle, to the Collector of Malabar, dated Coimbatore, 28th April 1884, No. 117 M.

I have the honor to forward, for transmission to Government for sanction, four plans, four estimates and one abstract estimate, amounting to Rs. 17,740, for constructing a sea-custom house with store-shed, wharf and compound-walls at Cochin. A report and a specification are also forwarded.

2. As suggested in a memorandum, No. 1665, of 5th September 1883, from the Chief Engineer, two beams to support the upper floor and two trusses over the custom-house building have been provided for. Also broad concrete beds below the foundation of the walls have been allowed.

3. The Executive Engineer, Coimbatore division, states that the estimates for the store-shed, wharf and compound-walls have been prepared at your request. All the plans and estimates should be countersigned by you in token of your approval.

—

ENCLOSURES Nos. 2 to 5.—Estimates with abstract.

—

ENCLOSURE No. 6.—General abstract estimate.

—

ENCLOSURES Nos. 7 to 10.—Plans.

—

ENCLOSURES Nos. 11 to 13.—Specifications.

—

ENCLOSURE No. 14.—Report.

Resolution—dated 1st September 1884, No. 3048.

Submitted for the favorable consideration and orders of Government.

(True Copies and Extract.)

(Signed) E. GIBSON,
Secretary.

Mis. No. 4082, Revenue.

Transferred to the Public Works Department for sanction and early allotment of funds.

OOTACAMUND,
16th September 1884.

(Signed) H. E. STOKES,
Secretary to Government.

ORDER—dated 2nd October 1884, No. 2427 W., Public Works.

The estimates, amounting to Rs. 17,940, for constructing a sea-customs house, store-sheds, &c., at Cochin, are sanctioned.

2. No funds are immediately available for the work, which will be brought forward in the Provincial budget for 1885-86, if the Superintending Engineer, IV Circle, is unable to propose a reappropriation of grants to admit of its immediate commencement.

3. This sanction has been registered as Provincial No. 161 W. of 1884-85, and classified as Civil Buildings, Original Works.

(True Extract.)

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

To the Superintending Engineer, IV Circle, with twelve enclosures.
" Examiner, Public Works Accounts, with duplicate abstract estimate.
" Revenue Department.

Exd. E. Fernandez.
Spare Copies

2427
2

RESOLUTION—dated 1st September 1884, No. 3048.

Submitted for the favorable consideration and orders of Government.

(True Copies and Extract.)

Secretary.

To the Secretary to Government, Revenue Department,
with thirteen enclosures.

Copy to the Collector of Malabar.

Exd. A. Raitt.

2427
4

V

No 1665 C. 5. 9. 83.

SECRETARY TO GOVERNMENT
19 SEP 84
REVENUE DEPARTMENT

Rev. Dept. No 6162

Rec. No. 4082

Transferred to the Public Works Department for execution and early allotment of funds.

Octacamund
16th September
1884

W Elkins
Secy to Govt

REVENUE DEPARTMENT.

1884.

Board of Revenue,

MADRAS.

GOVT. OF MADRAS
REVENUE DEPT.

Printed September th.

Proceedings, 1st September 1884, No. 3048.

Read 11 Sept. 1884

No 2427 dated 12th Sept. 84

Cases 13

Copy 10/9/84

Submitting, for the favorable consideration and orders of Government, plans and estimates for the construction of a new *Custom-house*, store-sheds, &c., at Cochin, in Malabar District.

Transferred

PWD. 9019

Resubmitted to Bellary 27-9-84

Public Works Department, 188--85.

Current No. 7942 — 2427 / 5

Letter No. Rev. Bo. 4082

Dated the 16th September 84

From the Sec. Govt.

Put up, please, memorandum, No. 1665 C. of 5.9.83, referred to.

Ed.
24.9.84

T. There is this flaw in the design that the edges of roofing on absolutely flush with the upper of the gable wall which, in such a climate, should undoubtedly be protected by few overhanging eaves.

Besides, with mangalore tiles, there will certainly be a difficulty in effecting a satisfactory junction at the corner of hip & gable as shown.

I don't understand the staircase, which seems to me impracticable. And a part of the top verandah will apparently be cut off from all access.

Steps should have been shown in elevation, and for a "Customs Road" I should say that much more than the usual flight of steps to the basement was desirable.

The foundation of wharf wall will probably be sufficient. There are good reasons I think for adopting the section & filling shown.

Detail has been passed by S.E. so sometimes simply.

CG.
25.9.84.

T. If you can understand the staircase put up, plan explaining it to me. — CG. Answered BH Bellary 27-9-84 C.B. 1.10.84

NOTE OF REMARKS.

1. The accompanying plans and estimate provide for constructing a Sea Customs house with store shed, wharf and compound walls at Cochin. The amount of the estimate is Rs. 17,940.—

Sea Customs house — Rs. 5,750;
Store shed — — — Rs. 6,720;
Wharf Wall — — — Rs. 5,060;
Compound Wall — — Rs. 400.

2. The Sea Customs house is an upper storied building, each story consisting of a single room (the lower room 24'×20', the upper, 25'×21') with an open verandah on three sides. The roof is pent, and of Mission tiles, supported on two trusses. The flooring

BW

No 1665 c. 5. 9. 83.

SECRETARY TO GOVERNMENT
19 SEP 84
REVENUE DEPARTMENT

Revenue (1884) Sept 6

No 6162

Fin. Dr. 4082

To transferred to the Public Works Department for Execution and early allotment of funds.

Not accepted 16: September 1884 } W Elmslie Secy to Govt

REVENUE DEPARTMENT.

1884.

Board of Revenue,

MADRAS.

GOVERNMENT PRESS MADRAS

Printed September th.

Proceedings, 1st September 1884, No. 3048.

Rec'd 11 Sept 1884

No 2427 dated 12 Sept 84

Encls 13

Copies 10/9/84

Submitting, for the favorable consideration and orders of Government, plans and estimates for the construction of a new *Custom-house*, store-sheds, &c., at Cochin, in Malabar District.

P.D. 9019

Resubmitted to Railway 27-9-84

Referred 12/9

Transferred

Rev 12-9

Put up, please, memorandum, No. 1665 C. of 5.7.83, referred to.

Ed.
24.9.84

T. Then is this flaw in the design that the edges of roofing are absolutely flush with the top face of the gable walls which, in such a climate, should indubitably be protected by free overhanging eaves.

Besides, with mangalore tile, there will certainly be a difficulty in effecting a satisfactory junction at the corner of hip & gable as shown.

I don't understand the staircase, which seems to me impracticable. And a part of the top verandah will apparently be cut off from all access.

Steps should have been shown in elevation, and for a "Customs Road" I should say that much more than the ordinary flight of steps to the basement was desirable.

The foundation of wharf wall will probably be sufficient. Upon any grounds I think for adopting the Section & filing shown.

Details have been passed by S.E.

to sanction simply.

CS
25.9.84.

T. If you can understand the staircase projecting plan & elevation & let me know. — CS Answered 1884 Bellary 27-9-84 Rec'd 10.10.84

Public Works Department, 188--85.

3427/5

Current No. 7942

Letter No. Fin. Dr. 4082

Dated the 16th September 84

From the Offg Secy to Govt

NOTE OF REMARKS.

1. The accompanying plans and estimate provide for constructing a Sea Custom House with store sheds, wharf and compound walls at Cochin. The amount of the estimate is Rs. 17,940. —

Sea custom house — Rs. 5,700;
Store shed — — — Rs. 6,720;
Wharf Wall — — — Rs. 5,000;
Compound Wall — — Rs. 400.

2. The Sea Custom house is an upper storied building, each story consisting of a single room (the lower room 24'×20', the upper, 25'×21') with an open verandah on three sides. The roof is pent, and of Mission tiles, supported on two trusses. The flooring

No 1665 C. 5. 9. 83.

SECRETARY TO GOVERNMENT
19 SEP 84
REVENUE DEPARTMENT

Mis. No. 4082

Transferred to the Public Works Department for Execution and early allotment of funds.

Octacamund
16th September
1884

W Elliot
Secy to Govt.

Revenue (1884) Dept
No 6162

REVENUE DEPARTMENT.

1884.

Board of Revenue,

MADRAS.

Printed September th.

Proceedings, 1st September 1884, No. 3048.

Rec'd 11 Sept 1884

No 2427 dated 12 Sept 84

Encls 13

Copies 10 9 84

Submitting, for the favorable consideration and orders of Government, plans and estimates for the construction of a new *Custom-house*, store-sheds, &c., at Cochin, in Malabar District.

P.D. 9019

Resubmitted to Bellary 27-9-84

Transferred

P.W. 12-9

Public Works Department, 188--85.

Current No. 7962 3427/5

Letter No. Mis. No. 4082

Dated the 16th September 84

From the Govt. Secy to Govt

Put up; please, memorandum, No. 1665 C. of 5.9.83, referred to.

Ed.
24.9.84

I. Then is this flaw in the design that the edges of roofing on absolutely flush with the upper of the gable walls which, in such a climate, should undoubtedly be protected by fair overhanging eaves.

Besides, with mangalore tiles, there will certainly be a difficulty in effecting a satisfactory junction at the corner of hip & gable as shown.

I don't understand the staircase, which seems to me impracticable, and a part of the 1st verandah will apparently be cut off from all access.

Steps should have been shown in elevation, and for a "Customs House" I should say that much more than the maximum height of steps to the basement was desirable.

The foundation of wharf wall will probably be sufficient. There are grounds I think for adopting the section & filing shown.

Details have been pencilled by S.E.

so sanction simply.

CE
25.9.84.

T. If you can understand the staircase from the plan please explain it to me. — CE Answered 1/84
Bellary 27.9.84 R. Price 84

NOTE OF REMARKS.

1. The accompanying plans and estimate provided for constructing a Sea Customs house with store shed, wharf and compound walls at Cochin. The amount of the estimate is Rs. 17,940.—
Sea Customs house — Rs. 5,700;
Store shed — — — Rs. 6,720;
Wharf Wall — — — Rs. 5,060;
Compound Wall — — Rs. 400.

2. The Sea Customs house is an upper storied building, each story consisting of a single room (the lower room 24'×20', the upper, 25'×21') with an open verandah on three sides. The roof is pent, and of mission tiles, supported on two trusses. The flooring

of the upper room is, planks fastened to joists which rest on two beams. The floor below is of laterite jelly in mortar, 5" deep, with an overcoat of plaster. The masonry is to be of laterite, each piece 18"x9"x4½", in mortar. The foundations are to be 7 feet deep - the lowest stratum being of concrete 2 feet deep. - The scantlings of all the timbers are correct, with the exception of the depth allowed to beams, which should be 17¼" - but 15" may be taken as safe in this case - All details of the building are satisfactory.

3. The Store shed is a long hipped roofed building divided into two godowns, each, 20'x24', and a Store room, 45'x24. The roof is to be supported on king post and 2 queen post trusses. The masonry is

24189

to be of laterite, 18"x9"x4½" pieces, in mortar. The lowest stratum of the foundation is to be of concrete 1½ ft. deep. The flooring is to be of concrete, 8" deep, covered with asphalte. The roof is to be covered with Mission tiles. Rs. 1500 are to be paid in compensation for the removal of some huts to obtain a suitable site for the store shed. - All scantlings of timbers are correct. The building appears well suited for the purpose it is intended to serve.

4. As may be learnt from the plans and papers submitted the Wharf Wall is to be 222 feet long, built in three steps, each 4 feet high, the first or top most step is 3½ ft. wide, the second, 4 ft. wide, and the third, 4½ ft. wide. It is proposed to build the wall of rubble stone, half

b

of which is to be set in cement and the other half in sunki mortar. The W. harp wall is to receive a granite backing 3 ft. thick and 4 ft. high. Its water face is to be protected with wooden piles and planking. The piles are to be 18 ft. long and 1 ft. in diameter – The tops of the piles to be flush with the H.W.M. – The planking, 3 inches thick, is to be fastened to the piles, which are 3 ft. apart from center to center, and is to descend 7 ft. below the level of their tops – The planking is to be between wall and pile.

5. Subject to approval, does not an examination of the 'cross sections' and of such other information as has been submitted lead to the conclusion that an additional step or stratum below the wall as now shown

2137

is essential to its future safety? – In cross sections Nos 2 and 3, the bottom of the wall is, vertically, but 3 ft. below the natural river bed, would it not be better to sacrifice, if necessary, the piles and planking to supply an additional step, 4 ft. deep and 5 ft. wide, below the present wall proposed? – Piles and planking cost Rs. 2,195.

6. The compound wall is to be 4½ ft above basement with a coping 9" high – The height of the basement is 9 inches. The sections show the wall to be 9" thick; and at pillasters, 1½ ft.

7. The plans and estimate have been countersigned by the Ag. Collector of the District.

23d Sept. 1854
BH

34125

P. W. Secretariat.

O. No. 7942.

Note by Budget Section.

Work Carg a Sea Custom House Remarks and References.
at Cochin -

Fund Provincial.
Service Head ... Civil Buildings
Departmental Head ... ... Original works -
Amount of Estimate ... ... Rs. 17940
Expenditure in previous year ... ... "
Allotment in current year ... ... "
Balance required to complete ... ... "
Total Rs...

Note of available funds.

Funds are not available for this work. As the Collector is anxious that the work should be executed without delay the SE may be asked to propose transfer of funds if possible
If otherwise the Estimate may be
Sanctioned for insertion
in the Budget for 1885-86. ~~Budget Clerk.~~
20.9.85

Note by Budget Section.

PUBLIC WORKS DEPARTMENT.

No. 2427

PROCEEDINGS OF THE MADRAS GOVERNMENT.

UNDER date the 2d October 1884.

READ the following

Proceedings of the Board of Revenue A.E. No. 3048 a/ 1st September/84.
Endorsement thereon by the Rev: Dept. No. 4082 a/ 16th Septr. 1884.

The estimates amounting to Rs 17,940, for constructing a sea-Customs-house, storeshed &c at Cochin, are sanctioned.

2. No funds are immediately available for the work, which will be brought forward in the Provincial Budget for 1885-86, if the Suplg. Engr. IV Circle is unable to propose a reappropriation of

9 grants

7942

Govt. of [1884] Madras.

PUBLIC WORKS.

(10)

Dated

Read. Encl.

G.O. 7th Oct. 1884, No. 24

Via Cochin River

Steam-launch for Cochin

Estimate for ——

Sanctioned.

70/4

Ex 9d 2/10