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TAMIL NADU ARCHIVES

GOVERNMENT OF TAMIL NADU

Public Works

DEPARTMENT

G.O. No.	991.-W-	Press.
B.P. No.		Mis.
Dated	31 — 3 — 1883	198

Not to be folded or roughly handled.

31st MARCH 1883, No. 991 W., PUBLIC WORKS.

991
1-6

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

No. 222.

READ—again—

G.O., Financial Department, dated 27th February 1883, Miscellaneous No. 451, recorded in Proceedings, Public Works Department, No. 254 R., dated 21st March 1883.

No. 223.

ORDER—dated 31st March 1883, No. 991 W., Public Works.

It having been ascertained that a further sum of Rs. 5,200 will be spent during 1882-83 by the Madras Railway Company or the Beypore-Calicut New Railway Survey, an appropriation of this amount is now made from the Provincial Reserve.

(True Extract.)

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

To the Consulting Engineer for Railways.
" Examiner, Public Works Accounts.
" Financial Department.

Exd. C. Howarth.
Spare Copies

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of (1883) Madras.

PUBLIC WORKS.

Dated March, 31st.

Recd.

Encl.

G.O., 31st March 1883, No. 991 W.

MARCH.

Nos. 222-223.

Beypore-Calicut New Railway
Survey

Appropriating Rs. 5,200 from the Provin-
cial Reserve for expenditure on the — in
1882-83.

31st MARCH 1883, No. 1001 W.; PUBLIC WORKS.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and
Civil Work

No. 224.

READ—the following papers:—

No. 359.

Report on Plans and Estimates for new District,
building at Co

Munsif Courts with out-

These plans and estimates were called for

- | | |
|------------------------|-----|
| 1 Site plan. | Jul |
| 1 Plan of lower floor. | No |
| 1 do. upper do. | pla |
| 1 do. out-houses. | ing |
| 1 Detailed estimate. | 1 |
| 1 Abstract do.. | ger |
| 1 Specification. | tha |

building might be improved, and forwarded i
request that he would prepare a new design, a
great protection from rain was necessary at Cal

2. A revised plan was forwarded in Nove-
ment in G.O., No. 1771, dated 27th August (1881, but the orders of Govern-
three as arranged at the desire of the Judge), and not been attended to, so the plans
had to be returned for correction, and it was not again received until December.

3. In January the site was inspected by the Chief Engineer, and he considered
(as already recommended by the Superintending Engineer) that it was absolutely
necessary that a small piece of ground, which is private property, at the south-west
corner of the site, should be acquired; there was much delay in obtaining from the
Collector the estimated cost of this, and it was not until the end of June that this was
reported, the cost to be Rs. 3,999-13-6, a very large amount, but it is considered
advisable for it to be purchased, and it has been allowed for in the estimate.

4. The plans and estimates now forwarded have been prepared by Major Fraser,
who was Acting Architect and afterwards the Executive Engineer of the West Coast
Division; it has been thought right to alter many of the scantlings of the woodwork
and make other corrections, the chief one being the use of teakwood for all beams,
trusses, purlins, ridge pieces, bressummers, and hip rafters.

5. The original estimate allowed only country wood to be used; it is proposed to
make use of country wood only for the joists, common rafters, &c.; the extra cost of
this is about Rs. 3,000, and it is thought very advisable that this charge should be
made. The country wood available in the West Coast is very uncertain. The
amount of the estimate as revised is Rs. 1,11,760, and for this a new abstract
estimate has been prepared and is forwarded.

6. Modifications are proposed in the position of the subsidiary buildings as
shown in blue on the site plan.

7. The position of the main building has been fixed by the Executive Engineer
in communication with the Collector, who objects to more of the municipal land
(a large open space) being taken up than absolutely necessary; but the undersigned

would urge that the building be placed 50 feet further forward; he considers its proposed position as much to the advantage of the municipal land being taken up.

8. With regard to the design by the Superintending Engineer of the lower openings much included in these details, however, the Consulting Architect will have to be asked to give working drawings. He considers that the protection from driving rain has not been given, and that the upstairs verandah will be found hereafter to require additional protection, and that, owing to the heavy cornice, the lower walls will be very damp.

9. The estimate allows for the whole building outside; this he considers not necessary for the basement only should be plastered and the walls protected by a cornice (supported, the verandah joists being carried, say, 2 feet beyond the wall).

10. Another point is that the openings in the lower stories are not all glassed doors; this is certainly a serious error. This is most in the outer wall of the enclosed verandah (the property-room being iron bars), and the others should be glassed with iron bars, and it is thought the breadths of the openings might be widened.

11. In the upper stories,

12. As directed, the plans, is forwarded, but the Superintending Engineer cannot recon- sider, and he would suggest that it be sent to the Chief Engineer, Public Works Department, for his consideration.

COIMBATORE,
24th August 1882.

To the Chief Engineer, Public Works Department,

Forwarded to the Consulting Architect to Government, to the Chief Engineer, Public Works Department, dated Chepauk, 27th January 1883, No. 919 A.

(Signed) ROSS THOMPSON, Lieut.-Col., R.E.,
Ag. Dy. Chief Engineer, P.W.D.

No. 224-A.

From R. F. CHISHOLM, Esq. Consulting Architect to Government, to the Chief Engineer, Public Works Department, dated Chepauk, 27th January 1883, No. 919 A.

I have the honor to submit, herewith, the revised plans and estimate called for in G.O., No. 1688 C., of the 15th September 1882.

- 1 Site plan.
- 1 Plan lower floor.
- 1 do. upper do.
- 1 do. out-houses.
- 1 Detailed estimate.
- 1 Report and specification.
- 1 Abstract estimate.
- 1 Tracing revised elevations.
- 1 Detailed estimate, revised.
- 1 Abstract do.
- 1 do. do. duplicate.

2. In revising these drawings I have made no alterations whatever in the plan, although one or two points seem to me objectionable; I presume they have been discussed and settled with the local authorities.

3. I have altered the slope of the roof from 30° to 43°. I do not think any

they are the same as those originally forwarded except that the roof has been altered and the sizes and same details have been sketched in; for the architect will have to be asked to give working drawings. He considers that the protection from driving rain has not been given, and that the upstairs verandah will be found hereafter to require additional protection, and that, owing to the heavy cornice, the lower walls will be very damp.

ing the whole building outside; this he considers not necessary for the basement only should be plastered and the walls protected by a cornice (supported, the verandah joists being carried, say, 2 feet beyond the wall). that the openings in the lower stories are not all glassed doors; this is certainly a serious error. This is most in the outer wall of the enclosed verandah (the property-room being iron bars), and the others should be glassed with iron bars, and it is thought the breadths of the openings might be widened.

should be doors half-panel and half-glass. the plans, is forwarded, but the Superintending Engineer cannot recon- sider, and he would suggest that it be sent to the Chief Engineer, Public Works Department, for his consideration.

H. R. MEAD, Lieut.-Colonel, R.E.,
Superintending Engineer, Fourth Circle.

mt.

368 C.

ect to Government, with request that he to in paragraph 8 of the Superintending suggested.

(By Order,)

ROSS THOMPSON, Lieut.-Col., R.E.,
Ag. Dy. Chief Engineer, P.W.D.

form of tile on the West Coast will be thoroughly water-tight at a less angle, and I have found by practical experience that a lower pitch retains a great deal of moisture, though practically water-tight. This adoption of a high pitch on a building nearly 50 feet broad necessarily raises the ridge to an abnormal height, and this result is further increased by the projection of the roof beyond the walls for their due protection from heat and wet. In determining the exact height of the roof at the eaves I have accepted a vertical height of 3½ feet from the floor as affording the maximum of breeze and shade combined, while horizontally nearly the whole space is open and free from walling. In this way I have attempted to secure at once and by permanent means the most approved conditions of light and ventilation, conditions now secured by mats and other unseemly temporary contrivances. This lowering of the eaves necessarily renders the interior very dark; to obviate this, I have provided a sufficiency of dormers, which will at all times secure a cheerful interior.

4. The general appearance externally will harmonize with the older religious structures so numerous on this coast. The roof may be covered by the Mangalore Mission tiles, but I would strongly recommend the small clip tile indigenous to the country. It is in my opinion more substantial, cooler, and when properly laid at this angle as perfectly water-tight.

5. The details show clearly the kind of work to be executed.

6. I observe the original specification makes the walls laterite. An official of high standing long resident on this coast informs me that laterite is not a safe material near the ground. I have therefore specified that the first 4 feet over the ground shall be built in brick and mortar.

No. 338 C.

Submitted for the approval of Government in the Judicial Department with reference to the undermentioned Orders in that Department:—

No. 1247, dated 25th June 1881.

„—1771 „ 27th Aug. „

„ 2068, Mis., dated 6th Dec. 1882.

(By Order,)

(Signed)

J. PENNYCUICK,
Deputy Chief Engineer and
Under Secy. to Govt., P.W.D.

2nd February 1883.

No. 224-B.

G.O., dated 29th March 1883, Mis. No. 888, Judicial.

Read—the following letter from the Registrar, High Court, to the Chief Secretary to Government, Fort St. George, dated Madras, 15th March 1883, No. 802:—

With reference to your letter, dated 8th February 1883, No. 288, Judicial, I am directed to state that the High Court approves of the plans and estimates for the construction of Law Courts at Calicut, South Malabar.

I return herewith the plans, estimates, and other original papers.

Order—dated 29th March 1883, Mis. No. 883, Judicial.

Communicated to the Public Works Department, with reference to endorsement in that department, dated 2nd February 1883, No. 338 C.

The question of funds should be very early considered.

(True Extract.)

(Signed) M. HAMMICK,
Acting Assistant Secretary.

No. 225.

ORDER—dated 31st March 1883, No. 1001 W., Public Works.

The plans and estimate, amounting to Rs. 1,11,141,* for constructing a District, Sub-Judge's and District Munsif's Court at Calicut, in the Coimbatore Division, are sanctioned.

* As revised by the Consulting Architect to Government.

2. A sum of Rs. 50,000 has been provided for the work in the Provincial Budget for 1883-84, and the Superintending Engineer will see that it is commenced without any unnecessary delay, and vigorously prosecuted.

3. This sanction has been registered as Provincial No. 281 W. of 1882-83 and classified as Civil Buildings, Original Works.

(True Extract.)

(Signed) R. H. SANKEY, Colonel, R.E.,
Secretary to Govt., P.W.D.

To the Superintending Engineer, Fourth Circle, with eleven Enclosures.
" Examiner, Public Works Accounts.
" Consulting Architect to Government.
" Judicial Department.

Exd. C. Howarth.
Spare Copies

20-8-94

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of (1883) Madras.

PUBLIC WORKS.

Dated March, 31st.

Recd.

Encl.

G.O., 31st March 1883, No. 1001 W.

MARCH.

Nos. 224-225.

District, Sub-Judge's and Dis-
trict Munsif's Court

Plans and estimate for constructing a —
at Calicut, in the Coimbatore Division,
sanctioned.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

Under date the 31st March 83
again
Read the following

Proceedings in the Public
Works Department

Ad. No. 451. Mis. date of
27th Feb 1883, recorded
in Pro. P.W. & L. 252, Reg 21.
March 1883.

It having been
ascertained that a further
sum of Rs. 5,200 will
be spent during 1882-83
by the Madras Railway
Company on the Bangalore
Calicut new Railway
Survey, an appropriation
of this amount is now
made from the Provincial

20
5/4

20
Mo Secy 31/3 Reserve -

Con Eng for P.W. ✓
Exp P.W. Accts ✓
Finl Dept 27

L. J.

R. S.

B
CN 31/3
Chlo

2150
Govt. of (1883) Madras.

PUBLIC WORKS.

Dated

Recd

Encl.

G. O. 31 Mar. 1883, No. 991. H

Nos. 222-223

Beypore - Bahat New
Railway Survey

Appropriating Rs. 5
from the Provincial
Reserve for expenditure
on the — in 1883

4 $\frac{60}{3}$

Entered into Receipt