(1) Number of pages 16.

(2) Date of repair 22.7.87

(3) Initials of the Reiferencer bvs

TAMIL NADU ARCHIVES

GOVERNMENT OF TAMIL NADU

Public Works DEPARTMENT

G.O. No. / B.P. No.	2983 W.	Press. / Mis.
Dated	20-10-1883.	198 .

S.G.T.

Not to be folded or roughly handled.

Archives —1 10,006-9 80

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2983
1

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

READ—the following papers :—

From Colonel J. BEATTY, R.E., Superintending Engineer, Fourth Circle, to the Chief Engineer, Public Works Department, dated Coimbatore, 2nd October 1883, No. 420.

1 Plan.
3 Detailed estimates.
1 Statement.
1 Extract of the Local Fund Board Meeting.

I have the honor to forward herewith, for sanction, a revised estimate submitted by the Local Fund Board, North Arcot, for a hospital at Palmanér, the amount of which is made up as follows :—

	Rs.
Dispensary	11,300
Store-room	1,094*
High-caste ward, commenced and stopped	282*
Compounder's quarters	1,100*
Dead-house	680*
Well	360
Levelling site	100
Total ...	14,916

* *Vide* statement of the Palmanér dispensary estimate attached.

2. It seems that the original estimate was Rs. 11,560 ; then there was a fresh design and estimate for Rs. 18,825, which was sanctioned in G.O., No. 2323, of 21st September 1881.

3. But the hospital is now being constructed according to the original design with certain modifications ; hence the necessity for the revised estimate.

4. The revised estimate has been prepared with care, and I have only to observe that the scantlings of wood-work are generally rather low, and that in the description given of the terracing the usual 3 inches of concrete are omitted, though the rate would seem to be sufficient to provide for concrete.

Memorandum by the Chief Engineer, Public Works Department.

Submitted for the sanction of Government.

2. The present estimate is less by Rs. 3,909 than the first revised estimate sanctioned in G.O., No. 2323 W., dated 21st September 1881, and Rs. 3,356 more than the original estimate sanctioned in G.O., Financial, No. 2709, dated 16th November 1877. The correspondence does not explain these changes, and no comparative statement has been submitted.

2985/2

(3.) The pitch of roof as drawn is rather too steep for flat ala pantiles, which will slip.

(5.) Asphalte flooring will probably be desirable for the bath-rooms and operating-rooms, for which plastered brick on edge is not suitable. For a hospital, double windows, venetianed and glazed, would be better than the iron barred windows estimated for.

CHEPAUK.
20th October 1883.

(Signed) J. SHAW-STEWART, Colonel, R.E.,
Chief Engineer, P.W.D.

ORDER—dated 20th October 1883, No. 2983 W., Public Works.

The second revised estimate, amounting to Rs. 14,916, for constructing a hospital at Palmanér, in the North Arcot district, is sanctioned.

2. The attention of the Local Fund Board should be called to the Chief Engineer's remarks above recorded.

3. This sanction has been registered as Local No. 38 W. of 1883-84 and cancels Local No. 26 W. of 1881-82.

(True Extract.)

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

To the Board of Revenue, with eight enclosures.
" Superintending Engineer, Fourth Circle.
" Accountant-General.
" Financial Department.

Ead. A. F. Goodall.
Spare Copies

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of [1883] Madras.

PUBLIC WORKS.

Dated October, 20th.

Read. *Encl.*

G.O., 20th Oct. 1883, No. 2983 W.

OCTOBER.

Hospital at Palmaner

The second revised estimate for constructing a —, North Arcot district, sanctioned.

No. 420

Supg Engrs Office, 4th Circle
Coimbatore, 2nd October 1883.

From.

The Superintending Engineer
2983/3 4th Circle

To,

The Chief Engineer
P.W.D.

Sir,

I have the honor to forward herewith for sanction a revised Estimate for ₹ 11,916 submitted by the Local Fund Board of North Arcot for a Hospital at Palmanair the Amount of which is made up as follows:-

Enclosures 6
1 Plan
3 ₹ Estimate
per statement
1 Extract of the
L.F. Board's minute

*vide Statement of the Palmanair Dispensary Estimate attached.

Dispensary	———	Rs 11,300 6
Store room.	———	" 1094*
High Caste ward Commenced and stopped	———	" 282*
Compounders Quarters	—	" 1100*
Dead house	———	" 680*
Well	———	" 360
Levelling Site	———	" 100
		Total Rupees 14,916

M—

2. I observe that the original Estimate was the 1st by which there was a fresh design and estimate for the 1882 which was sanctioned on G.O. No 2328 of 21st September 1881.

3. But the hospital is now being constructed according to the original design with certain modifications; hence the necessity for the revised Estimate.

4. The revised estimate has been prepared with care, and I have only to observe that the accommodation of ward work are generally rather low, and that in the towers the rooms of the towers the rooms provided are omitted though the cost would seem to be sufficient to provide for same.

I have the honor to be
Sir,
Your Most Obt Servant
Respectfully
Executive Engr

2983/4

Ist Dept
Chepauk 20th Oct 83

Memo by the Chief Engineer
Public Works Department.

0983/5

Submitted for the sanction of Government.

2 The present estimate is less by Rs 3,909 than the first revised estimate sanctioned in G.O. No: 2323 W dated 21st September 1881, and Rs 3,356 more than the original estimate sanctioned in G.O. Financial No: 2709 dated 16th Nov. 1877. The correspondence does not explain these changes, and no comparative statement has been submitted.

3. The Chief Engineer would suggest that the attention of the Local Fund Board be called to the following points.

(1) Principal rafters had better be 5¾"×4" and purlins, square in section, 6½"×6½" will suffice. ~~Ridge pole is unnecessarily heavy - 3"×7" would be ample.~~

(2) Girder to the terraced roof should be 15½"×9" and ~~joists~~ 5¾"×3" 4"×3" will suffice for all the wall plates.

(3) A bad arrangement of the accommodation appears to be female wards adjoining male wards with doors between. The female ward on right

Ir Dept
Chepauk 20th Oct 83

From
The Supt Engineer
Fourth Circle.

Dated 27 Sept: 33 } October 1883.

No. 420

Encl 6 (Plan)

Hospital at Palmanair.

Forwarding for sanction a revised estimate of Rs: 14,916 for constructing a ——.

right might very well be shifted across to left, and thus the male wards would be together on one side, and the female wards on the other.

4) The pitch of roof as drawn is rather too steep for flat and tenantable, which will slip.

5) Asphalte flooring will probably be desirable for the bath rooms and operating rooms, for which plastered brick on edge is not suitable. For a hospital, double windows, cemented and glazed, would be better than the iron barred windows estimated for.

Ch.
1/10

T. Thomson Esq.

The Sanitary, with the exception of those of finlets & joists for wards in next year not to be, is complete & O.K., when in connection with these are 2 drawings already.

The section of this joist 3½"x8½" is I presume a mistake as perhaps 8½" has been given to allow for the shoulder or notch by cutting off the sides from the shoulder. Should any thereof require back ties 3½"x4" perforated shown in section & 6½x6½ in office. Large pot in ironing [illegible] long - 3"x7" and 4 in depth.

Girders & the terminal ends should be 15½"x9" & joists 5½"x3", 4½x3" in office 4" to the wall plates.

For the above 2 floor timbers, the arrangement might be improved & the interspacing &c. However they may stand, especially as the work is already in hand.

As to arrangement of the 2 wards in office & female wards adjoining wards with door between. The female wards on right might very well be shifted across to left, and thus the male wards would be together on one side, and the female wards on the other.

Observe that the pitch of roof as drawn is rather too steep for flat tiles which will slip.

Draft sanction is made from estimate chief Engr. in his endorsing

Ch.
6/10

Observe that asphalte flooring will probably be desirable for the bathrooms & operating rooms for which plastered brick on edge is not suitable & that for a hospital double windows, cemented & glazed, would be better than the iron barred windows estimated.

Ch.

As to fittings, operating tables, shelves furnished I presume they will be asked for hereafter, the usual estimates exist to provide for these.

Ch.

Public Works Department, 1883-84.

Current No. 8552

Letter No. 420

Dated the 2nd Oct. 1883

From the Supdg. Engr. 4th Circle

6/82/6. 7483 12

NOTE OF REMARKS.

1. The revised estimate now submitted provides for the construction of a Hospital at Palamanir, N. Arcot District, and amounts to Rs. 14,916.

2. The estimate originally sanctioned in G.O. No. 2709 of 16th Nov. 1877 amounted to Rs. 11,509; the revised estimate sanctioned in G.O. No. 2323 of 21st Sept. 81 amounted to Rs. 18,825; and, as stated above, the present revision amounts to Rs. 14,916. No satisfactory history is given of these changes, and no comparative statement has been submitted.

3. Eight trusses have been provided, and examination of the plan shows six to be simple, the cross walls being gabled. Indeed, it may be better judging from the positions which must of necessity be given to some of the trusses, to omit them altogether. The span is 18 feet and considering the roofs completed, if [illegible] terminations would answer [illegible]

Rs 2983 W

Public Works Department.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

Under date the 20th October 1883

2983/7

Read the following

From the Supg. Engineer
Fourth Circle
Memo by the Chief Engineer

H. E. No: 420 of 2nd October 1883.
Public Works Department
dy/20th Oct 1883.

The second revised estimate, amounting to Rs 14,916 for constructing a hospital at Palmanair in the North Arcot District, is sanctioned

2. The attention of the Local Fund Board should be called to the Chief Engineer's remarks above recorded.

3. This sanction has been registered as Local No: 38 W of 1883-84, and cancels Local No: 261 W of 1881-82

Dec W 26/10

To
The Board of Revenue
with 8 enclos.
" S. E. Fourth Circle.
" Accountant Genl.
" Financial Departt.
Ch. Secy. to Govt.
military

Cs
11/10

1552

City of Portland, Me.

PUBLIC WORKS.

Dept.

Div.

Sec.

O. C. Dept. 14/No. 2983

Nos.

Hospital at Portland

Record and Estimate

for Contract for a

Morte Court District

Sentinel

25

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