

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

READ—the following paper :—

From Colonel A. T. FRASER, R.E., Superintending Engineer, III Circle, to the Chief Engineer, Public Works Department, dated Bellary, 12th June 1894, No. 685.

I have the honour to forward for sanction plan and estimate, Rs. 10,200, with proceedings of the District Board of 3rd May last, of a hall in the Executive Engineer's office to accommodate the Bellary District Board.

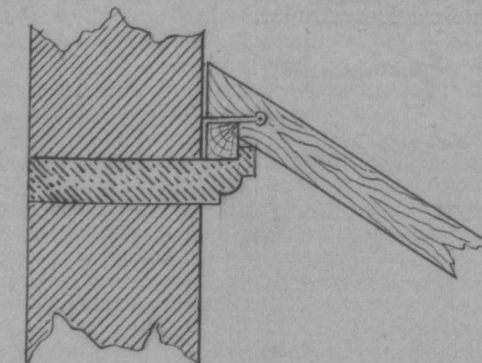
2. The plan has been twice revised at my instance, and I hesitate to recommend more verandahs and larger doors to some of the rooms on account of the expense.

3. I would certainly, however, advise the substitution of "first-class coursed rubble in lime mortar" for "first-class coursed rubble in mud" for all walls. The extra cost of this item would be only Rs. 624.

Note by the Chief Engineer, Public Works Department.

The Chief Engineer agrees with the Superintending Engineer that "coursed rubble in chunam, first sort," should be substituted for coursed rubble in clay for all the walls. The additional cost will only be Rs. 655. The increased stability will be worth the outlay.

2. Instead of inserting the ends of the verandah rafters in the wall, they might be carried on wall purlins supported by stone corbels, thus :—



3. It would be more convenient to put the Local Fund Engineer's retiring room in the north-east corner of the building where the overseer's store-room is placed, a doorway being opened between this room and the Engineer's office room. The overseer's stores could then be accommodated in the south verandah room assigned to the Local Fund Engineer, the doorway between this room and the Local Fund record-room being built up.

4. The concrete foundations are not wide enough. Those for the main walls are only 9" broader than the masonry above, which gives a footing of only $4\frac{1}{2}$ ", too little for concrete, while for the verandah the concrete is only 6" broader than the superincumbent masonry. The 2' 6" dimensions should be increased to 3' at least, and the 3' dimensions to 4' at least.

5. The steps should be founded on a foot of concrete and not as shown in the transverse section.

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

ORDER—dated 7th July 1894, No. 1697 W., Public Works.

The estimate, amounting to Rs. 10,200, for a building at Bellary to accommodate the offices of the District Board Local Fund Engineer and Taluk Board is sanctioned.

2. Attention is invited to the modifications suggested by the Chief Engineer, Public Works Department.

3. This sanction has been registered as Local No. 7 W. of 1894-95 and classified as Original Works, Civil Buildings.

(True Extract.)

Under Secy. to Govt., P.W.D.

To the Superintending Engineer, III Circle, with enclosures.
,, Local and Municipal Department.

Exd. S. J. Pereira.
Spare Copies

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of {1894} Madras.
PUBLIC WORKS.

Dated July, 7th.

Recd.

Encl.

G.O., 7th July 1894, No. 1697 W.

JULY.

Offices

Estimate of Rs. 10,200 for a building at Bellary to accommodate the — of the District Board Local Fund Engineer and Taluk Board, sanctioned with remarks.

No. 685

Superintending Engineer's Office,

3RD CIRCLE,

Bellary 12th June 1894,

FROM

Colonel A. J. Fraser R.E.,
SUPERINTENDING ENGINEER.

IIIRD CIRCLE.

To

THE Chief Engineer
P. W. Deptt
Madras.

Sir,

Enclosures. 4

2 Drawings
1 Detail Estimate
1 Abstract
1 Report
1 Specification
1 Board Resolution
-tion No. 6
1 Wrapper Sheet
- 4

I have the honor to forward for sanction Plan and Estimate Rs. 10,200 with Proceedings of the District Board of 3rd May last, of a Hall, with accommodation for two Engineers' offices, to accommodate the Bellary District Board.

2. The plan has been twice revised at my instance, and I hesitate to recommend more verandahs, & larger doors, & some of the rooms, on account of the expense.

3. I would, certainly, however, advise the substitution of "first class coarsest Rubble in lime mortar" for "first class ditto in mud" for all walls. The extra cost of this item would be only Rs. 24.

I have the honor to be
Sir

Your most obedient servant

Attraser Col R.E.,

Captg Engineer
III Circle

From, Col. M. Fraser R.E.
The Superintending Engineer,
IIIrd Circle,
Bellary.

To, The Chief Engineer
A. P. D.
Madras

Dated 12th June 1894.
Received 13th

Enclosures. 7 (2 Plans)
No 685

Subject.

Accepted Engrs Office
to accommodate the
Bellary District Board
Forwarding Plan and
Estimate for Rs. 200/-
for - for remediation

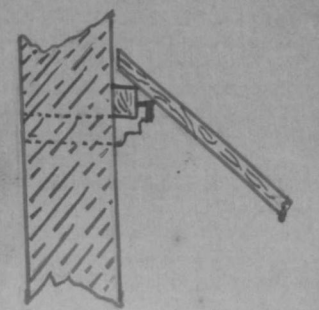
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1277

14.VI.94

Note by Chief Engineer
P. W. Dept:— 20

The Chief Engineer
agrees with the Supty
Engineer that "coarse
rubble in chann
1st sort" should be
substituted for coarse
rubble in clay for all
the walls. The additional
cost will only be Rs. 655.
The increased stability
will be worth the
outlay.

2. Instead of inserting
the ends of the veranda
rafters in the wall,
they might be carried
on wall purlins supported
by stone corbels thus:—



3. It would be more convenient to put the Local Fund Engineer's retiring room in the N.E. corner of the building where the Overseer's store room is placed, a doorway being opened between this room and the Engineer's office room. The Overseer's stores could then be accommodated in the south verandah room — assigned to the Local Fund Engineer. The doorway between this room and the Local Fund record room being built up.

4. The concrete foundations are not wide enough. Those for the main walls are only 9" broader than the masonry above, which gives a footing of only $4\frac{1}{2}$ " too little for concrete. While for the verandah the concrete is only 6" broader than the superincumbent masonry. The 2'6" dimensions should be increased to 3' at least, and the 3' dimensions to 4' at least.

5. The steps should be founded on a foot of concrete, and not as shown in the transverse

transverse section

S

EW

CH 28.6.94

Ootacamund
June 1894

No. 1697 W. d. 7 July 1894.

Addendum.

The concrete foundations are not wide enough - those for the main walls are only 9" broader than the masonry above, which gives a footing of only 4 1/2" - too little for concrete - while the verandah the concrete is only 6" broader than the superincumbent masonry. The 2' 6" dimensions should be increased to 3' at least, and the 3' dimensions to 4' at least. The steps should be founded on a form of concrete, and not as shown in the transverse section.

CH 28.6.94

27.6.94

No. 1697 W. d. 7 July 1894.

Public Works Department.

Current No. 4411

Letter No. 685

Dated 12 June 1894

From the Super Engineer in Charge.

NOTE BY TECHNICAL SECTION.

Name of Work Constructing an office to accom-
modate the Dist Board, L. F. Engineers Office &
the Bellary Taluk Board at Bellary.
Amount of Estimate, Rs. 10,200

PARTICULARS OF ESTIMATE.

Main Building 1697 W. Rs. 9,719

Subsidiary Buildings " "

Contingencies 5% " 481.

Petty Supervision " "

Land compensation " "

Total Rupees ... 10,200.

PARTICULARS OF CONSTRUCTION.

Surface soil earth & gravel mixed to a depth of 1 ft.

Sub soil hard gravel below to a depth of 1 ft.

Foundations are to be sunk 3 1/2 feet deep &
and then filled with concrete.

Basement is to be 2 ft. high & built of burnt
clim in chunam.

Walls are to be raised as per height indicated
on the plan & built of burnt
clim in clay with arches and doors
& windows except one foot around
doors & windows & tops of walls which
are to be built of burnt clim in chunam.

Plastering or Pointing ^{the interior of the building is to be plastered with 2 coats of chunnam & the exterior painted with chunnam.}

Flooring ^{is to be of granite slabs laid on 3" of sand & painted with chunnam.}

Roofing ^{of the main rooms are to be tiled with Bricks on edge & the verandah & verandah rooms of Mangalore tiles.}

Doors and Windows ^{are to be of teakwood of the descriptions noted in the estimate & modelled 2 coats.}

Roof timbers ^{are to be of teakwood.}

Scantlings ^{are correct.}

Rates ^{are fair.}

The plinth area of the main building is 4843 square feet, and the cost per square foot will be Rs. 2-1-8.

The plans and estimates have been countersigned by the ^{not} President District Board and approved in ^{not} District Board resolution No. 6 dated 30 May 1894.

REMARKS.

The estimate under review provides for constructing an office to accommodate the District Board, Bellary Taluk Board & the Local Fund Engineers Office in the compound of the Collector's Office at Bellary.

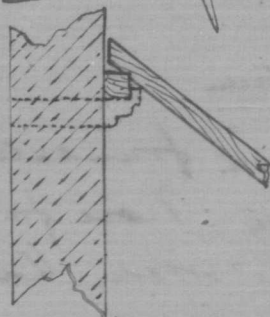
The area of accommodation provided is as follows:

Meeting Hall in center	31' x 21'
East wing. Engineers room	18' x 14'
- Do - L.F. Engineers Office	18' x 18'
- Do - Do. record room	18' x 14'
West wing. Taluk Board Office	18' x 14'
- Do - District Board Office	18' x 18'
- Do - Do. record room	18' x 14'

with front & side verandahs 9 1/2 feet wide & 5 verandah stairs & retiring rooms each 10' x 8' as per plan.

The S.E. Circle in submitting the estimate for Sanction recommends that ~~verandah~~ ^{verandah} in ~~chunnam~~ ^{clay} be substituted for ~~verandah~~ ^{clay} for all the walls as provided for in the estimate. The additional cost on this substitution will be Rs 655 with contingencies.

The verandah eaves might be carried on wall purlins supported by stone corbels in lieu of ~~the~~ ^{cutting the ends of} the wall ^{this} -



The L.F. Engineers retiring room might be placed in the NE corner of the building, where the messes store room & a door way opened leading to the Engineers room. The messes store ~~to~~ ^{is} placed in the south verandah ~~retiring~~ ^{retiring} room for the doorway leading to the record room built up. This arrangement it is submitted will be much better ^{on an order} ^{on 22/6/94}.

No. 1697 W. d. 7 July 1894. PUBLIC WORKS DEPARTMENT.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

READ the following

Letter from the S.E. Circle (H.E. No. 685 of 12/6/94) Note by the Chief Eng^r P.W.D. (27 July)

The estimate amounting to Rs 10,200 for a building at Bellary to accommodate the offices of the District Board, Local Fund Engineer, and Taluk Board is sanctioned.

1. Attention is invited to the modifications suggested by the Chief Engineer

P.W. Dept.

3. This sanction has

the interior of the building

4/6

been registered as
Local No. 7 W of 1894-95
and classified as
Original Waho Civil
Buildings.

Estimate for offices of
the District Board,
Local Fund Engineer,
and Rating Board,
Bellingham.

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Cross
4/7/94 28/6/94

(The Hon. the Chief Secy:
for favor of counter initials)

S. E. Line with enclosure,
L & M. dept.

checked
24/7

DESPATCHED
24 JUL. 94

188

Cob 44 11.

Govt. of Madras.
PUBLIC WORKS.

Dated

Recd.

Encl.

7 July 1894 No. 1697.4

Office

Estimate of Rs. 10,200 for
a building at Bellary
to accommodate the
of the District Board, Local
Quard Engineer, and Salt
Board sanctioned with
remarks.

68
3.

12/9/7.

9/7