

Public Works (1896) Department.

G.O., No. 7730

DATED 3-3-96

[Despatch Abstract.]

Quarters: Estimate of Rs 18,170 for
constructing — for the Hospital
Assistants attached to the Government
Maternity and Ophthalmic Hospitals
at Madras, sanctioned with remarks.

The estimate for actual work in connection with the construction of quarters for Hospital Assistants attached to the Lying-in and Ophthalmic Hospitals at Egmore, Madras, as prepared by the Consulting Architect, amounted to Rs. 14,657. This has been reduced to Rs. 14,357 by omitting the item "Laying on Red Hills water."

2. A further reduction of Rs. 359 has been made by substitution of second-class stock bricks which cost the same as country bricks.

3. A saving of Rs. 200 may be effected by substituting country tiles for Mangalore tiles, but as the quarters will not then be in keeping with the hospital buildings close by, the provision for Mangalore tiles should, it is thought, be allowed to stand.

4. If cheaper materials are used for the floorings they will not wear well.

5. The estimate has been increased to Rs. 18,450 as shown below:—

Original estimate	...	...	...	...	...	RS. 14,657
Add—						
Compensation for land	...	...	...	...	...	4,361
Error in the item "roofing"	...	...	...	...	...	129
Total						19,147
Deduct—						
Omission of item "Laying on Red Hills water"	...	...	...	...	...	300
Reduction by substitution of country bricks	...	...	...	...	...	359
Petty supervision and contingencies	...	...	...	...	...	38
Net amount						18,450

The estimate, as thus revised, is forwarded to the Public Department, for the approval of Government and for favour of very early return.

(Signed) D. McNEIL CAMPBELL, Colonel, R.E.,
11th February 1896. Chief Engineer, P.W.D.

Endorsement by the Public Department, dated 14th February 1896, No. 352.

No. 961 C.

Returned with the remark that the ceilings are intended to mitigate the heat which is considerable in buildings covered with Mangalore tiles. These tiles, moreover, until they become seasoned, are liable to be saturated during wet weather and to drip. The omission of the ceilings does not appear desirable and the saving would be only Rs. 470, or Rs. 94 for each set of quarters.

2. The drains are intended to carry away eave drippings and surface drainage, and their provision on sanitary grounds appears necessary. If struck out of the estimate now, they will have to be provided sooner or later.

(Signed) D. McNEIL CAMPBELL, Colonel, R.E.,
18th Feb. 1896. Chief Engineer, P.W.D.

G.O. No. 287, Public, dated 25th February 1896.

Order—No. 287, Public, dated 25th February 1896.

The estimate, as revised, is approved with the exception of the provision for drains which should be omitted.

(True Extract.)

(Signed) W. W. PHILLIPS,
for Chief Secretary.

ORDER—No. 773 W., dated 3rd March 1896.

The estimate for constructing quarters for the Hospital Assistants attached to the Government Maternity and Ophthalmic Hospitals at Madras has been reduced from Rs. 18,450 to Rs. 18,170 by omitting the provision for drains, and is sanctioned for the reduced amount.

2. A sum of Rs. 16,220 has been provided for the work in the preliminary issue of the Provincial Civil Works budget for 1896-97. This amount will, if necessary, be augmented on application by the Consulting Architect.

3. This sanction has been registered as Provincial No. 114 W. of 1895-96, and classified as Civil Buildings—Original Works.

(True Extract.)

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

To the Consulting Architect, with four enclosures.
" Examiner, Public Works Accounts.
" Public Department.

Exd. T. K. Narayana Aiyangar.
Spare Copies

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of {1896} Madras.
PUBLIC WORKS.

Dated March, 3rd.

Recd.

Encl.

G.O. No. 773 W., 3rd Mar. 1896.

MARCH.

Quarters

Estimate of Rs. 18,170 for constructing
— for the Hospital Assistants attached to
the Government Maternity and Ophthalmic
Hospitals at Madras, sanctioned, with
remarks.

PUBLIC WORKS DEPARTMENT.

No 773 W 3 March 1896

PROCEEDINGS OF THE MADRAS GOVERNMENT.

Read the following

From the Comdg. Architect No. 3495 d/ 3rd December 1895
Memorandum in the Public Dept. No. 5062 d/ 20th December 1895
From the Comdg. Architect No. 3903 d/ 10th January 1896
Memorandum in the P.W. Dept. No. 801C d/ 11th February 1896
Endorsement by the Public Dept. No. 352 d/ 14th February 1896
Memorandum in the P.W. Dept. No. 961C d/ 18th February 1896
Proceedings of Govt. in the Public Dept. No. 287 d/ 25th February 1896

The estimate for construct-
ing quarters for the hospital
Government Maternity
assistants attached to the
in and Ophthalmic Hospitals
at Madras has been reduced
from Rs 18,450 to Rs 18,170
by omitting the provision for
drains, and is sanctioned for
the reduced amount.

2. A sum of Rs 16,220 has been provided for the work in the preliminary issue of the Provincial Civil Works budget for 1896-97. This amount will, if necessary, be augmented on application by the Consulting Architect.

3. This sanction has been registered as Provincial No 114 W of 1895-96, and classified as Civil Buildings Original Works.

27/2/96

Clerk
27.2.96

Cu

27/2 R 3/3

Estimate for quarters for the hospital assistants attached to the Lying-in and Ophthalmic Hospitals at Sion, Madras.

Urgent

DESPATCHED
10 MAR. 96

To The Consulting Architect with 4 encls.

" Exan. P. & A. Accts.

" Public Deptt.

B/

Public Works Department.

Current No. 259.

Letter No. 3903

Dated 10th January 1896

From the Consulting Architect to Govt.

NOTE BY TECHNICAL SECTION.

Name of work Quarters for Hospital Assistants attached to the Lying-in & Ophthalmic Hospitals at Sion, Madras.
Amount of Estimate Rs 16,220.

With reference to this Office Memo No. 4191 C dated 27th December 1895, the Consulting Architect to Govt. resubmits the plan & estimate for constructing quarters for Hospital Assistants attached to the Lying-in & Ophthalmic Hospitals at Sion, Madras, duly revised by omitting the item for water supply, & by substituting 2nd class stock bricks in lieu of 1st class bricks, also for a small difference in the cost of the site. The original estimate amounting to Rs 19,200 has thus been reduced to Rs 16,220 by the above.

The plan & estimate provide for constructing 5 quarters in one block, i.e., 3 quarters for Hospital Assistants attached to the Lying-in Hospital and 2 quarters for Hospital Assistants attached to the Ophthalmic Hospital on the site acquired in Marchant's road & Coomaraswami Street, the Hospital

The accommodation provided is the same as that allowed in the type design for Civil Hospital acco. quarters, approved in G.O. No. 1796 W dated 19th July 1895.

The surface soil is stated to be sandy loam & the sub soil fat clay. But the depth to which these soils reach, have not been reported.

The foundations will be laid to a depth of 5 1/2 feet, the lower one foot will be filled with sand above which concrete rammed to a depth of 4 feet & the remaining 6 inches, together with the basement raised 1' 6" will be built of 2nd class stock bricks in mortar.

The superstructure walls will be built of varying heights as per dimensions noted on the tracing plan, with 2nd class stock bricks in Chumam. The interior of the building will be plastered with 2 coats of Chumam & the interior painted with tar asphaltic composition. The floor will be laid throughout with 8" square tiles over a bed of concrete 4" thick & painted with cement, except the latrine which will be plastered with cement. The roof will be of Mangalore tiles laid over teak rafters, rafters 1 1/2" & the living room & verandahs will be 1/2" plank. Doors & windows will be of the descriptions noted in the estimate of teakwood & painted with 3 coats of oak paint.

The scantlings for roof timbers are correct and the rates are fair.

The estimate has been examined & signed by the Surgeon General.

Presumably the Subst. is met with before bottom of foundation is reached.

Madras Govt.

The Public Dept in Memo No. 5062 dated 20th Dec 95, suggest some saving to be effected by the use of ordinary country bricks & tiles, & cheaper materials for the flooring. With reference to the above, the revised estimate provides for 2nd class bricks instead of 1st class, which a saving of Rs 359 has been effected. But nothing has been done to effect a saving in the item of roofing of Mangalore to country pan tiles & cheaper materials for floor. If the roof material be altered for Mangalore tiles to pan tiles with rafters spaced 18" instead of 20" & by omitting the plank ceiling, a saving of Rs 200 will be effected. But the building will then be not in keeping with the Hospital buildings, which are near by.

The flooring may with advantage be altered from 4" concrete with 8" sq bricks above & painted with cement to 4" concrete & ordinary lime plaster. This will give a saving of Rs 286 by the alteration.

The amount of revised estimate, as submitted by CA, has been altered from Rs 18246 to Rs 18450 owing to

[G]
69
1.6.95-18-8-95.



Memorandum. No. 5062

Read the following

From the Surgeon General with the Government of Madras, dated 11th. December 1895, No. 553.

From the Public Works Department dated 11th. December 1895, No. 3936 C.

According to the estimated cost of the standard plan approved in G.O. No. 1796 W dated 19th July 1895, the five sets of quarters should have cost Rs 14250, but it was thought (vide G.O. No. 541 Public, dated 3rd. July 1895) that throwing them into a single block would result in a considerable saving. The estimate submitted for approval amounts, however to Rs 14,657. Deducting Rs 150 for repairs to the boundary wall and Rs 300 for laying on Red Hills water - the latter item being one which should be omitted - the result is the very small saving of Rs 43.

The total cost of the buildings appears to be out of all proportion to the pay and status of their future occupants. It seems probable that a considerable saving might be effected by using ordinary country brick and tiles, except for the ceilings and drains and cheaper material for the floorings.

The plan and estimate are accordingly returned for revision and early re-submission.

(By order)

Fort St. George.

20th December 1895.

To the Public Works Department.

with plans & estimate

H. W. Phillips
Ag. Assistant Secretary.

P. W. CURRENT No. 10291

253/56

Under H (Plan)

Dec: 21.12.55

No. 4171C d/27 December 1895

Forwarded to the
Consulting Architect
for early revisions and
return.

C. R. Butler.

Under Secy. to Govt. W.D.

T
B

Y
C. R. Butler

No. 801 C of 11 - February 1896

Public Works Department.

MEMORANDUM.

From the Consgr. Architect to Govt. No. 3903 dated 10th January 1896.

C. No. 259

Em: 51 plan.

The estimate for actual work in connection with the construction of quarters for Hospital Assistants attached to the Lying-in and Ophthalmic Hospitals at Egmore, Madras, as prepared by the Consulting Architect amounted to Rs. 14,657. This has been reduced to Rs. 14,357 by omitting the item "Laying on Red Hills water".

2. A further reduction of Rs. 359 has been made by substitution of second class stock bricks which cost the same as country bricks.

3. A saving of Rs. 200 may be effected by substituting country tiles for Mangalore tiles, but as the quarters will not then be in keeping with the Hospital buildings close by, the provision for Mangalore tiles should, it is thought, be allowed to stand.

4. If cheaper materials are used for the floorings they will not wear well.

5. The estimate has been increased to Rs. 18,450 as shown below:-

Original estimate. - - - -Rs. 14,657.

Add

This question has
not been raised

by CA
T has raised
this question.

allude to it?

None
of 90

Add

Compensation for land. 4,361.
Error in the item "roofing" 129.
19,147.

Deduct

Omission of item "Laying
on Red Hills water". - 300.
Reduction by substitution
of country bricks. - - 359.
Petty supervision and
contingencies. - - - 38.

Net amount Rs. 18,450.

The estimate as thus revised is for-
warded to the Public Department for
the approval of Government, and for
favor of very early return.

W.

No 4171 of 27-12-95
3936 of 11-12-95
3845 of 5-12-95

No 801 of 11th February
1896

To

The Public Department, with
papers in original.

12/2

P. W. D

No 961 of 18-2-1896

Memoandum.

Endorsement by the Public Dept. No 352 of 14th Feb 1896.

C. No 1536. (Encl. 5 plans.)

Returning Memo No 801 C
of 11-2-96 for favour
of intimation as to whether
the provision made for
ceilings and drains in the
estimate for constructing
quarters for the Hospital
assistant attached to
the Lying-in and Ophthalmia
Hospitals may not be
omitted.

Returned with
the remark that the ceilings
are intended to mitigate
the heat which is considerable
in buildings covered with
Mangalore tiles. These tiles
moreover, until they become
seasoned, are liable to
be saturated during
wet weather and to drip.
The omission of the ceilings
does not appear desirable
and the saving would be
only Rs. 470 or Rs. 94 for
each set of quarters.

2. The drains are intended
to carry away canal
drippings and surface
drainage, and their

provision on sanitary
grounds appears necessary
if struck out of the
estimate now, they will
have to be provided sooner
or later.

17/2/96
W

EXD
17.2.96

No. 801 C of 11-12-95
3936 C of 11-12-95
4171 C of 27-12-95

No. 961 C of 18 February

1896

T.A.
B

DESPATCHED

18 FEB. 96

The Public Dept

with original papers etc

22/2

Public Department.



PROCEEDINGS OF THE MADRAS GOVERNMENT.

Read the following papers:-

From the Surgeon General, of 11th
December 1895, No. 558.

Endorsement of the Public Works
Department, of 11th December 1895, No. 3936 C.

Memoranda from the Public
Works Department, of 11th February 1896 and
18th February 1896, Nos. 801 C. and 961 C, respectively.

Regarding the construction of quarters
for the Hospital Assistants attached to
the Lying in Hospital and Ophthalmic
Hospital.

Order:- No. 287, of 25th February 1896.

The estimate as revised is
approved with the exception of the provision
for drains which should be omitted.

(True Extract)

To The Public Works Dept
(with plan & estimates etc.)
Surgeon General.

W. D. Miles.
Asst. Secy.
for Chief Secretary.

Govt. of 1896 Madras.

Encls 4 (1 hla)

Recd: 26.2.96

To

The Public Works Dept

Proceedings, dated 25th February 1896
No. 287.

Subject.

Appropriating with remarks
the revised estimate for
quarters for Hospital Asst
attached to the Lying-in
and ophthalmic Hospitals.

No. 1796 W 2/19-7-95 ✓
" 1508 W 20-6-95 ✓
" 1782 W 18-7-95 ✓
" 3845 C 5-12-95 ✓
" 3936 C 11-12-95 ✓
" 4171 C 27-12-95 ✓
" 801 C 11-2-96 ✓
" 961 C 18-2-96 ✓