

Public Works (189²) Department.

G.O., No. 3059 W

DATED 3 Nov 1897

draft to
de.

8/11/97

[Despatch Abstract.]

Office for the Asst^d Superintendent of
Police at Palsket: Estimate of Rs. 4,200
for constructing an —, sanctioned with
remark for execution when funds are
available.

100/5

~~100/5~~

200/7

Estimate of Rs. 4,080 for constructing an —, sanctioned, with remark, for execution when funds are available.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

READ—the following papers :—

G.O., No. 859, Judicial, dated 17th June 1897.

Read—the following letter from the Inspector-General of Police, dated Madras, 10th June 1897, No. 1998 :—

I have the honour to submit, for the approval of Government, plans and estimates, amounting to Rs. 3,980, for constructing an office for the Assistant Superintendent of Police, Palghat. The work was approved by Government in G.O., No. 1011, Judicial, dated 15th June 1896. The first estimate amounted to Rs. 6,350. The Public Works Department have, at my request, reduced the estimate to Rs. 3,980. The Superintendent considers that a verandah on the west side of the building is advisable, and considering the climate of Palghat, I am inclined to agree with him.

Order—No. 859, Judicial, dated 17th June 1897.

The plans and estimates for Rs. 3,980 are approved and will be transferred to the Public Works Department for execution when funds are available.

(True Extract.)

(Signed) W. FRANCIS,
for Chief Secretary.

Note by the Chief Engineer, Public Works Department.

The estimate is raised from Rs. 3,980 to Rs. 4,200 owing—

- (1) to the omission of fly-rafters in clerks and record rooms which should be provided;
- (2) to errors in calculation of roof timbering;
- (3) to the omission of the cross wall in clerks and record rooms.

2. These omissions show great carelessness in the Division and Circle offices and it is requested that they may not recur.

3. The amount of the revised estimate has been reduced in this office to Rs. 4,080 by giving the foundation a width of 3' 3" instead of 4' 3", the latter being needlessly wide for such a building.

4. Asphalte is unsuited for floors in the plains of India. Cuddapah or granite slabs pointed with asphalte should be substituted if obtainable without much additional cost.

28th October 1897.

(Signed) W. B. DEWINTON,
Ag. Chief Engineer.

ORDER—No. 3059 W., dated 3rd November 1897.

The estimate, amounting to Rs. 4,080, as altered by the Chief Engineer, Public Works Department, for constructing an office for the Assistant Superintendent of Police at Palghat is sanctioned for execution when funds are available.

2. Attention is drawn to the Chief Engineer's note recorded above.
3. This sanction has been registered as Provincial No. 63 W. of 1897-98 and classified as "Civil Buildings—Original Works."

(True Extract.)

Under Secretary to Government.

To the Superintending Engineer, IV Circle,
with six enclosures.
" Examiner, Public Works Accounts.
" Judicial Department.

Exd. Shaik Karim.

No 3059W 83.11.97

PROCEEDINGS OF THE MADRAS GOVERNMENT.

READ the following.

From the Judicial Dept, No 859 d/17th June 1897
Note by the Chief Engineer dated

Note for press
show proof

4080. The estimate amounting to Rs ~~4000~~ ⁴⁰⁸⁰ as altered by the Chief Engineer, for Constructing an office for the Assistant Superintendent of Police at Palghat is sanctioned for execution when funds are available.

2 Attention is drawn to the Chief Engineer's note recorded above.

3 This sanction has been registered as Provincial No 63 W of 1897-98 and classified as "Civil Buildings, Original Works".

T. J. B. G.M.

Cu

CH. D. B.
15. 97

3. The P.E. IV circle with benches
Exar. P.W. Accts
Judicial Dept

26/11/97

knif

Mul 25.10.97

2P.

Note by the Chief Engineer

If it were necessary to provide
width of concrete base provided
the estimate
would have to be
raised from Rs 3,980 to Rs 4,200
owing to the omission of fly-
in choko & record sides
rafters which should be pro-
vided
(1) to errors in calculation of
roof timbers
(2) to the omission of the
cross hall in
choko area
E. W.
C. W.
15.7.57

2. These omissions show
great carelessness in the
divisions & Civil Office
& it is reported that
they may not recur.
Asphalt is unsuitable
for floor in the plains
of India. Cuddalore is
granite slab jointed with
asphalt should be sub-
stituted if granite is a
without much additional cost

3. The amount of the revised
estimate has been reduced
within office to Rs 4080 by
giving the ground a width
of 3.5" instead of 4.5"
the latter being needed for
in such a building

16/8/57

Read the following:—

His Excellency the Governor.

FOR ORDERS.

An estimate of Rs 3980 now
 raised to Rs ⁴⁰⁸⁰ 4200 - was
 received through the
 Judicial Department on
 17th June 1897. After being
 checked in the Technical
 Branch, a Sanctioning order,
 dated 15th July, was prepared
 for His Excellency's approval.
 Colonel Campbell however
 deferred signing it for
 want of certain technical
 information which now
 having been supplied the
 estimate may be sanctioned.
 The alteration in the

FOR ORDERS.

Estimate is due to
errors in the wood work
calculations, &c

corr
22/10/97.
15.10.97

Noty to P.W.D.

The estimate is raised from
Rs 3980 to ⁴²⁰⁰ Rs 4200 owing to
the omission of the rates
which should be provided.

corr
12/7/97.

Estimate may be sanctioned with
a note to the above effect.

corr
12/7.

[P. W. 58
250-5-8-96.]

Public Works Department.

Current No. 6268
Letter No. 859
Dated 17th June 1897
From the Judicial Dept.

TECHNICAL NOTE.

Name of Work Constructing an office for the
Asst. Sup^t of Police at Palghat.

Amount of Estimate, Rs. 3980.

PARTICULARS OF ESTIMATE.

Main Building	office	Rs	3795
Subsidiary Buildings		"	"
Contingencies	2 1/2 %	"	91
Petty Supervision	2 1/2 %	"	94
Land Compensation		"	"

Total Rupees ... 3980.

PARTICULARS OF CONSTRUCTION.

Surface soil }
Sub-soil } Sandy loam.

Foundations are to be laid to a depth of
3 feet with concrete throughout
to ground level.

Basement is to be raised 3 feet and built
of brick in mortar

Walls are to be raised as per dimensions
laid on the plan & estimate &
built of brick in mortar with
archwork over voids.

both the interior & exterior
surface of walls are to be plastered
Plastering or Pointing, finished with 2 coats
of Chunan.

Flooring is to be of 9" square bricks laid
over a levelling course of 4" concrete.
except the main hall except the record
room which will be of 3/4" asphalt.

Roofing is to be of 14" class Mission tiles
laid over lath & rafters & ceiled with
3/4" cedar planks.

Doors and Windows are to be of teakwood of
the description noted in the estimate
& painted with 2 coats of chocolate paint.

Roof timbers are to be of teakwood for the
truss & Gambogeum wood for rafters &
wood oiled 2 coats.

Scantlings are correct, except for fly rafters,
vide remarks.

Rates are fair.

The plinth area of the main building is
1992 square feet, and the cost per square
foot will be Rs. 2.4.0 less steps.

The plans and estimates have been countersigned
by the Inspector General of Police
and approved in the Judicial Dept with
the remarks, for execution when funds
are available.

REMARKS.

The plans & estimates under review,
amounting to Rs 3980, have been framed
with reference to G.O. No. 2018 W dated
14th July 1896, and provide for construction
of an office for the Assistant Inspector
of Police at Palghat in the Malabar
District.

The accommodation proposed is
as under:-

Asst. Supt. Office	18'0" x 18'0"
- do - clerks	18'0" x 15'6"
Record room	18'0" x 15'6"
Verandah sitting room	16'0" x 6'1/2"

with verandah 8 ft. wide, vide plan.

The site proposed is to the north east
of the Protestant Church which is reported
to be the best land, vide site plan submitted.

The fly rafters to the clerks &
record rooms have not been
estimated correctly. It has
now been altered to the a-
mount of Rs 4200 increased
from Rs 3980 to Rs 4000.

The
10/7/97.

I have now heard
the "fly rafters"
are the same as
"fly rafters"

18/7/07

W For orders whether this
may await Mr's arrival for
reply.

Neither the Sub Divl. Officer
here nor the draftsman here have
ever heard of the expression
before.

Rur
20/7/07

With reference to Mr's
remark about fly rafters,
on referring to the detailed
estimate I notice 4 rafters
in red against the number
of principal rafters; but there
is a mistake for there
being only one truss there
can be only two principal
rafters. The other two rafters
are, I take it, fly rafters
being rafters independent
of a truss but supplying
the same purpose as the
clerk's room and Record room
as the principal rafters do
in the office room. A truss
is unnecessary as regards
the tie beam because the
wall between the clerks'
room & the Record room
can support a post with
struts, but no post or
struts are shown in
the estimate, and as the
wall is not - apparently,
to be built up to the ridge

D-10

The foundations are
generally wide
3' 3" is ample for
such a building -

2. Asphalt is an
mistake in this
country in the plains
Cuddalore. It is better
with asphalt than
the white wash of
Attanille at
reasonable cost.

3. I don't like the
fly rafter construction
much -
wherever it is used
it is a very poor
light and
way stand.

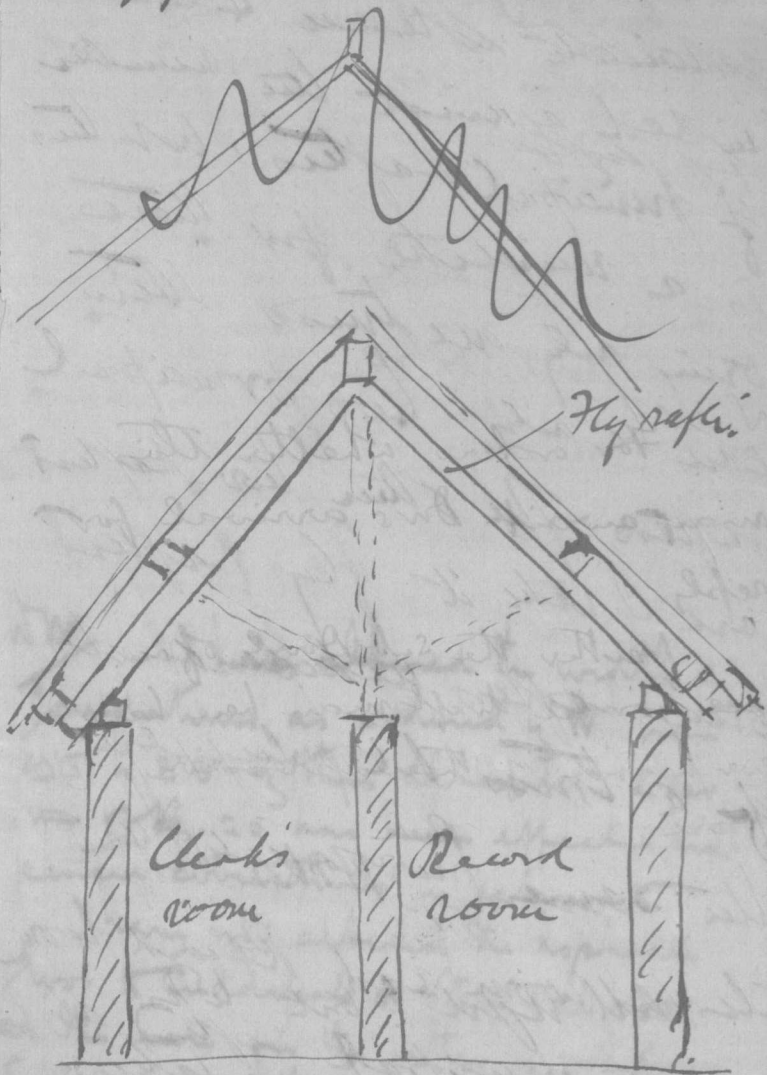
4. Please make true
that all estimates for
this office here
support rates
I don't want us to

he in any way
 from the internal
 estimation

hth

28-10-97

I do not see how
 fly rafters are to be
 supported.



What supports the
 fly rafters. There are no
 post or studs as shown
 by the dotted lines.

Cat 824

22/9/97

Also the removal of
 rafters increase the
 estimate by \$2000 when
 a corresponding reduction
 in principal rafters.

Current W. 6264.

W.

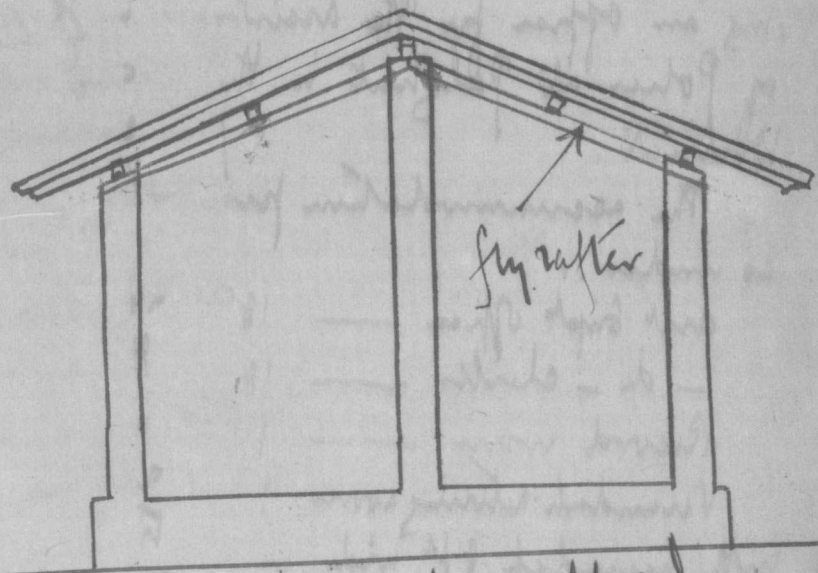
With regard to W's remarks
 about fly rafters, I beg to submit
 that these fly rafters are similar
 to principal rafters but without
 a knee. They are provided to
 carry the purlins in the clerks
 & record rooms, as the span for
 the purlin is too great, viz, 18 ft.

The cross wall between the
 clerks & record rooms had been
 omitted in the estimate
 under superstructure subhead.
 This has now been provided for.
 This cross wall runs up to the
 ridge, the fly rafters will then
 be supported at the ridge
 & cross walls thus.

This explains it
 all right: but why
 it should have taken
 3 months to give this
 simple answer is not
 clear. Since then the
 remainder was I think, sent to T.

Cat 828

22-10-97



The estimate has been altered
 & the amount increased from
 \$3,980 to \$4,200 or \$220 in excess. 22.10.97

I have altered the width of
 foundations as ordered by W. from
 4'3" to 3'3". By this alteration a sav.
 of Rs. 120 has been effected, with
 precise corrections in subtotals.

I have not altered the asphaltic
 floor to Cuddapah or other slate floor,
 as the rate for the latter is not known.
 E. W's note on the estimate may mean
 that the floor of the record room
 should not be asphaltic, Cuddapah
 or other slates painted with asphaltic
 should be substituted.

In regard to para 4 of W's note, I
 beg to submit that the rates entered
 in all particulars passed by this office
 are within schedule rates, if they
 exceed & not supported by data,
 they are then brought to notice.

E. W's note on this estimate re:
 omission of fly rafters. The raising of
 the estimate from Rs 3,980 to Rs 4,200
 is not only due to the omission of fly
 rafters but also to errors in roof
 timbering & to the omission of the
 cross wall in clerks & record rooms.

28.10.

Public Works (1897) Department.

CURRENT No. 6264

From the Judicial Dept

Order

No. 839

Dated 17-6-97

Received 28.6.97

Registered —

Enclosures 6 (+ 2 plans)

Spare copies

SUBJECT.

Approving & transference to the P.W.D. plans & estimates for Rs 3980 for constructing an office for the Asst. Supt. of Police Palghat.

Inspection

Certified

30-6-97

d.L.S. 292

W. Note altered in pencil paper approval. 5-11-97.

The amount in the same. timing order viz. Rs 4200 as altered by this office was Rs 4080. because since the revision was made Rs 4200, 'W' has altered the width of the foundation from 4'3" to 3'3" this 2^d revision has reduced the estimate to Rs 4080.

E's note should also be altered accordingly, further a 4th para should be added showing the reduction in the width of foundation from 4'3" to 3'3" (as ordered by W.)

3-11-97

sub

Submitted.

3-11-97

FURTHER PAPERS.

[$\frac{G}{53}$]
2,000-13-5-97

PROCEEDINGS OF THE MADRAS GOVERNMENT.

READ the following paper:—

From the Inspector-General of Police, Madras, No.
1998, dated 10th June 1897.—

I have the honour to submit, for the approval of Government, plans and estimates amounting to Rs.3,980 for constructing an office for the Assistant Superintendent of Police, Palghat. The work was approved by Government in G.O.No.1011, Judicial, dated 15th June 1896. The first estimate amounted to Rs.6350. The Public Works Department have, at my request, reduced the estimate to Rs.3,980. The Superintendent considers that a verandah on the West side of the building is advisable and considering the climate of Palghat, I am inclined to agree with him.

✻ ✻ ✻ ✻ ✻ ✻ ✻ ✻ ✻ ✻ 0 ✻ ✻ ✻ ✻ ✻ ✻ ✻ ✻ ✻ ✻

O R D E R, No.859, dated 17th June 1897.

The Plans and estimates for Rs.3,980 are approved and will be transferred to the Public Works Department, for execution when funds are available.

(True extract)

Francis

for Chief Secretary.

To the Public Works Department. (with encls:in origl:).

" " Inspector-General of Police, Madras.

129
28/6