

(1) பக்கங்களின் எண்ணிக்கை 22

(2) புதுக்கித் திருப்பிய நாள் 1 - 7. 88

(3) ஆதாரங்குறிப்பவர் சுருக்கொப்பம் lang

தமிழ்நாடு ஆவணக் காப்பகம்.

தமிழ்நாடு அரசு

P.W.D. துறை

அரசாணை எண். மு. கோப்புத் தாள் எண்.	1609	அச்சகம் பலவகை
நாள் :	4. 6. 1888	198

மடிக்கவோ கண்டபடி கையாளவோ கூடாது

GOVERNMENT OF MADRAS.
PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

Read—the following papers :—

G.O., dated 7th April 1888, No. 836, Judicial.

Read—the following letter from the Inspector-General of Police, dated 13th March 1888, No. 1445 :—

ABSTRACT.—Forwarding, for sanction, plan and estimate, amounting to Rs. 2,583, for the conversion of the old sub-jail at Nellore into a town police station-house.

Order—dated 7th April 1888, No. 836, Judicial.

The estimate needs revision and reduction, if possible.

2. The cost of a first-class station on the type-design is Rs. 2,000 in Madras and Rs. 2,500, including laterite floor, in Nellore,—not Rs. 3,115 as stated by the Executive Engineer, for that amount included land compensation, *vide* Public Works order, 2nd July 1887, No. 1766 W.

3. The sub-jail building was reported by the Inspector-General of Police to be “well adapted for a station if slight improvements can be made to it;” but the cost of these improvements is now said to be Rs. 2,653 or Rs. 153 more than the cost of an entirely new building. It does not appear why the roof should be raised, or why a terraced roof is necessary.

(True Extract.)

(Signed) H. E. STOKES,
Chief Secretary.

To the Public Works Department.

From A. A. G. MALET, Esq., Executive Engineer, Nellore, to the Superintendent of Police, Nellore, dated 24th April 1888, No. 249.

I have the honor to return the plan and estimate forwarded with your No. 267 of 19th April 1888, with the following remarks.

Government in their order (Judicial), No. 836, of 7th April 1888, appear to take exception to the estimate for the police station in Nellore on three points, namely :—

- (1) its cost;
- (2) that provision is made for raising the roof of the old building;
- (3) that provision is made for a terraced roof.

The estimate originally submitted for the construction of a police station in accordance with the standard design amounted to Rs. 3,115, which may be divided into—

Construction of the building	...	...	...	...	...	...	RS. 2,715
Land compensation	...	...	...	...	...	...	400
Total	...	...	...	...	...	...	3,115

and not Rs. 2,500 and 615 as implied in the Government order. The estimate for converting the old sub-jail into a police station amounts to Rs. 2,588 and not Rs. 2,653 as stated in the Government order. I do not understand why Government should deduct the cost of compensation for land from the type-design estimate. If a new police station is built in Nellore, land must be acquired, and Government will have to pay for it. The cost of the land appears to me to be an integral part of the estimate.

A true comparison of the cost cannot, however, be arrived at without taking the area of the building into consideration. A reference to the statement embodied in my report on the estimate herewith returned will show you that the uncovered areas in both the type-design and the sub-jail design are practically equal, but that the covered areas are 983.5 square feet and 1,756 square feet, respectively. Taking the cost of the type-design at Rs. 3,115, *i.e.*, including land compensation, the cost per square foot of covered area is 3.16.

Taking the cost of the type-design at Rs. 2,715, *i.e.*, excluding land compensation, the cost per square foot of covered area is Rs. 2.76. The estimated cost of the sub-jail design is Rs. 2,588, which gives Rs. 1.47 per square foot of covered area.

For the space provided the sub-jail estimate is, therefore, very much cheaper than the type-design estimate, whether you include cost of land compensation or not.

The walls of the old sub-jail are 10 feet high, and the estimate provides for raising them 2 feet for wards and verandahs and 6 feet for guard and inspector's room. I consider that a room only 10 feet high with a terraced roof is objectionable on sanitary grounds, and that situated as this building is in a thickly-populated part of Nellore with buildings all round it, good ventilation is an essential.

For the wards, which probably will not be occupied by any one person for more than twenty-four consecutive hours, a room, 12 feet high, with upper ventilators ought to suffice, but for the guard and inspector's room, which are continuously occupied by the same men, I consider a clerestory advisable. This point might, however, be referred to the District Surgeon for his opinion with advantage.

I intentionally avoided an ordinary tiled roof for this building for the following reasons:—

Situated as the building is in the middle of the bazaar where crows swarm, a tiled roof would certainly be injured by these birds, and frequent petty repairs would be required.

A glance at the plan will show that it is a difficult building to fit a tiled roof on to.

It is very difficult to get good tiles in Nellore. The ordinary tiles made in Nellore are very porous and leak badly. With the exception of the guard-room, the width of the other rooms is unaltered, and if the ends of the existing roof timbers are found not to be decayed when the roof is removed, they can be used again with a terraced roof.

If this is found practicable, a considerable saving will be the result. The building is an old one, and I thought it safer to provide for entirely new timber for the roof, and only credited the estimate with a small amount for the value of old timber. If you will have the ends of one or two joists in each room of the sub-jail exposed, I will examine them and give my opinion as to whether they can be used again.

If a tiled roof is put on, Mangalore Mission tiles should be used.

No. 541 R., Judicial.

Approved and transferred to the Public Works Department with the remark that it is hoped some substantial saving will be effected by the use of some of the old joists.

(By Order.)

CORAZAMUND,
15th May 1888.

(Signed) A. G. CARDEW,
Ag. Under-Secretary.

ORDER—dated 4th June 1888, No. 1609 W., Public Works.

The estimate, amounting to Rs. 2,588, for converting the old sub-jail building at Nellore into a police station, is sanctioned for execution when funds are available.

2. Attention is drawn to the remark in the Judicial Department endorsement above recorded.

3. This sanction has been registered as Provincial No. 31 W. of 1888-89, and classified as Civil Buildings, Original Works.

(True Extract.)

Captain, R.E.,
Under-Secy. to Govt., P.W.D.

To the Superintending Engineer, II Circle, with four enclosures.
" Examiner, Public Works Accounts, with the duplicate abstract estimate.
" Judicial Department.

Exd. F. R. Bantleman
Spare Copies

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of (1888) Madras.

PUBLIC WORKS.

Dated June, 4th.

Recd.

Encl.

G.O., 4th June 1888, No. 1609 W.

JUNE.

Old Sub-jail building at
Nellore

Estimate for converting the — into a
police station, sanctioned.



Judicial Department.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

Read the following paper

from the Inspector General of Police No
1445 dated 10th March 1888, forwarding
for sanction plan and estimate amount
to Rs 2588 for the conversion of the old Sub-jail
at Nellore into a Town Police Station.

Order dated 7th April 1888 No 836

The estimate needs revision and reduction
if possible.

2. The cost of a 1st class station on the type
design is Rs 2000 in Madras and Rs 2500
including latrine floor, in Nellore —
not Rs 3115 as stated by the Executive
Engineer for that amount includes
land compensation vide P.W. order 2nd June
1887 No 1766 W.

3. The sub-jail building was reported by the
Inspector General of Police to be well adapted
for a station if slight improvements can
made to it, but the cost of these improvements
is now said to be Rs 2653 or Rs 153 more than
the cost of an entirely new building. I
do not

Govt. of 1881 Madras

The Public Works Dept.

Proceedings, dated 7 April 1885.
No. 836

Subject.

Passing orders on letter from the Inspector Genl of Police regarding the conversion of the old Sub Jail at Nellore.

S.S. II circle

19/4

13/4 1885

Executive Engineer's Office

24 April 1888

From A. S. G. Malet Esq.

The Executive Engineer of Nellore.

To The Superintendent of Police

Nellore.

Sir

I have the honor to return the Plan and Estimate forwarded with your No. 267 of 19-2-88 with the following remarks.

1. Government in their order (Circular) No. 236 of 7-4-88 appear to take exception to the Estimate for the Police Station in Nellore in so far as it is proposed that provision be made for the roof of the old building. That provision is made for a covered roof.

The Estimate originally submitted for the construction of a Police Station in accordance with the Standard design

estimated at Rs 3115 which may be taken as the
 Construction of the Building - - - 2715
 Land Compensation - - - 400

 3115
 and not 2500 and 615 as implied in the L.O.
 The Estimate for converting the old Sub
 jail into a Police Station amounts to Rs 2500
 and not Rs 2650 as stated in the L.O. I
 do not understand why Government should
 deduct the Cost of Compensation for land
 from the Type design Estimate. If a new Police
 Station is built in a village, land must be ac-
 quired and Govt. will have to pay for it. The
 Cost of the land appears to me to be an in-
 tegral part of the Estimate.

A true comparison of the cost cannot
 however be arrived at without taking the cost
 of the Building into consideration. A refer-
 ence to the statement embodied in my report
 on the Estimate herewith returned will show
 you that the investment made in both the
 Type design and the Sub jail design are
 practically equal but that the covered
 areas are 900.5 sq. ft. and 1756 sq. ft. res-
 pectively. Taking the cost of the Type design
 at Rs 3115, i.e. including land compensation
 the cost per sq. ft. of covered area is Rs 3.16.
 Taking the Cost of the Type design
 at Rs 2715, i.e. excluding L & Compensation

the cost per sq. ft. of covered area is ⁶ Rs 2.76
 The estimated cost of the Sub jail design
 is Rs 2500 which gives Rs 1.47 per sq. ft. of
 covered area.

For the space provided the Sub jail
 Estimate is therefore very much cheaper
 than the Type design Estimate whether or
 you include Cost of Land Compensation
 or not.

The walls of the old Sub jail are
 11 ft. high and the Estimate provides for
 raising them 2 ft. for guards and verandahs
 and 6 ft. for guard and inspector's room.
 I consider that a room only 10 ft. high
 with a humped roof is objectionable
 on sanitary grounds and that situated
 as this building is in a thickly po-
 pulated part of a village with build-
 ings all round it good ventilation
 is an essential.

For the wards which probably
 will not be occupied by any one person
 for more than 24 consecutive hours
 a room 12 ft. high with upper venti-
 lation ought to suffice but for
 the guard and Inspector's room
 which are continuously occupied
 by the same men. I consider
 a clerestory advisable.

The point might however be referred
to the District Engineer for his opinion
with advantage.

I intentionally avoided an
ordinary tiled roof for this building
for the following reasons.

Situated in the building is
in the middle of the bazaar where
Crows swarm a tiled roof would
certainly be required by these birds
and frequent petty repairs would
be required.

A glance at the plan will
show that it is a difficult building
to fit a tiled roof on to.

It is very difficult to get
good tiles in a village. The ordinary
tiles made in villages are very poor
and break badly. With the exception
of the guard room the width of
the other rooms is unaltered and
if the ends of the existing roof
timbers are found not to be decayed
they may be removed, they can
be used again with a terraced roof.

If this is found practicable
a considerable saving will be
the result. The building is an
old one and I thought it safer
to provide for entirely new timber
for the roof and only credited
estimate with a small amount
for the value of old timber.

If you will have the ends of
one or two gables in each room of
sub soil exposed I will examine
them and give my opinion as to
whether they can be used or not.

If a tiled roof is put on
Mangalore Mission tiles should
be used.

I have the honor

Sir

Your heart Obedt Servt

(Signed) A. A. G. Violet

Executive Engineer

/True copy/

Distt Police
Office Bellary
25 April 1901
u

B. L. Sullivan
Superintendent of Police

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28284 of 21. 10. 87
1766 W of 2. 7. 87

CURRENT No. 2071
Judicial Department



From
The Dy. Inspector General
of Police

Approved and
transferred to the
P. W. D. with the
remark that it is
hoped some substantial
savings will be effected by
the use of some of the old
joists.

(By order)

S. G. Curran.

Asst. Secy.

Oct 1888
15 May 1888

To The P. W. D.
2/15/88

No. 2335
Dated 1 May 1888
Received 3
Enclosures (Two)

SUBJECT
with reference to No. 1888/277 dated 9/8/88
Forwards Copy of a
letter from the Executive
Engineer, Madras, giving
his reasons for the
estimate for the im-
provements to the
Madras sub-jail

Public Works Department.

Current No. 4546
Letter No. 541 B
Dated 15th May 1888
From the Dy. Inspector General
of Police
The estimate submitted
by the Dy. Inspector General
of Police, Madras, for the
improvements to the
old sub-jail building
at Madras into a
Police Station.

It is explained
that the estimate
has been framed
in accordance with
the request of the
respected Superintending
Engineer.

It is proposed to
raise the walls of
the inspection and
guard rooms to 15
feet in height and
the walls of the other
rooms to 12.

The sufficiency of the
the standard plan

and the plan submitted
for sanction are as
follows

Cook

Standard Plan B 3/15
against Rs 2588

Covered area

Standard plan 9835 ft.
against 1756-sq. ft.
Enclosed area

Standard plan 1448-55 ft.
against 1466-75 ft.

The accommodation
provided in the plan
submitted for sanction
is apparently considerably
more than that allowed
in the type design.

Old work is to be
the amount of Rs 15
is retained in the
new work but it
is stated that the
old materials will
be utilized as far as
possible.

The estimate has been
examined by the
Inspector General of Public
Works and approved by him
on the 15th of the month.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

Under date the 11th of the month.

Pro. Judicial Report - No. 896 of 7. 4. 88 Read the following
from the Survey General - 249 of 24. 4. 88.
From the Judicial Department. H. E. No. 541 R of 15 May 1888.

The estimate amounting to
Rs. 2000, for converting the old jail
building at Nellore into a police station,
is sanctioned for execution when funds
are available.

2. Attention is drawn to the
remainder in the P.W. Dept
and also recorded.

3. This sanction has been
registered as Provincial No. 31 W of
1888-89 and classified as Civil
Buildings, Original Works.

W. 22.5.88

25/5/88

To The Supt. Engr. II circles with
4 enclos
Remainer of P. W. Dept with the
duplicate abstract estimate
Judicial Department.

W. 25/5

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Oct. 1888

PUBLIC WORKS.

1888

of the public works
of the city of New York
and the various
departments of the
city of New York
and the various
departments of the
city of New York

1888