

- (1) பக்கங்களின் எண்ணிக்கை 18  
(2) புதுக்கித் திருப்பிய நாள் 10/9/  
(3) ஆதாரங்குறிப்பவர் சுருக்கொப்பம் [Signature]

தமிழ்நாடு ஆவணக் காப்பகம்.

தமிழ்நாடு அரசு

PW துறை

|                                       |                 |                  |
|---------------------------------------|-----------------|------------------|
| அரசாணை எண்.<br>மு. கோப்புத் தாள் எண். | <u>2328</u>     | அச்சகம்<br>பலவகை |
| நாள் :                                | <u>9.9.1893</u> | <u>198</u>       |

மடிக்கவோ கண்டபடி கையாளவோ கூடாது

DV

ஆவண. அ-1—18,006—15-6-87.



GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.  
Civil Works.

READ—the following papers :—

G.O., dated 25th July 1893, Mis. No. 2746, Revenue.

Read—Proceedings of the Board of Revenue (Land Revenue), dated 6th July 1893, Mis. No. 3967, on endorsement of the Collector of Kistna, dated 11th June 1893, Dis. No. 1896-Ver.

Resolution—

Submitted to Government with reference to G.O., dated 27th January 1891, No. 55, Revenue Department.

2. A sum of Rs. 3,700 has been provided in the estimate for constructing a compound wall. The Board suggests that a barbed wire fence may be substituted for it.

Order—dated 25th July 1893, Mis. No. 2746, Revenue.

The plan and estimates are approved and will be transferred to the Public Works Department, in which the Board's suggestion in paragraph 2 of its Proceedings read above will be considered.

(True Extract.)

(Signed) C. A. GALTON,  
Secretary to Government.

*Note by the Chief Engineer, Public Works Department.*

The Superintending Engineer has not furnished data in support of the high rates allowed for the following items :—

|                               | Estimate rate |    |    | Divisional schedule rate. |    |    |
|-------------------------------|---------------|----|----|---------------------------|----|----|
|                               | RS.           | A. | P. | RS.                       | A. | P. |
| 1. Excavation ... ..          | 5             | 0  | 0  | 4                         | 0  | 0  |
| 2. Brick in mortar ... ..     | 27            | 0  | 0  | 22                        | 9  | 0  |
| 3. Circular archwork ... ..   | 31            | 0  | 0  | 25                        | 4  | 0  |
| 4. Teakwood work ... ..       | 4             | 0  | 0  | 3                         | 8  | 0  |
| 5. Wrought iron work ... ..   | 0             | 3  | 0  | 0                         | 2  | 6  |
| 6. Plastering one coat ... .. | 2             | 8  | 0  | 2                         | 6  | 0  |

The omission should now be supplied.

2. The soil on which it is proposed to erect the building being reported to be black cotton, the undersigned considers that it would be well to provide a plinth protection all round the building and to fill in the sides of the foundations with gravel or sand or quarry rubbish.

5th September 1893.

(Signed) J. HANNAN,  
Ag. Chief Engineer, P.W.D.,  
General, Buildings and Roads Branch.



ORDER—dated 9th September 1893, No. 2328 W., Public Works.

The estimate for constructing a first-class taluk office at Tenali in the Kistna district has been reduced from Rs. 42,000 to Rs. 38,320 by omitting the provision for a compound wall and by rectifying an error under the head "Pointing with chunam." The estimate, as thus reduced, is sanctioned.

2. The attention of the Superintending Engineer, II Circle, is drawn to the note by the Chief Engineer recorded above.

3. A sum of Rs. 15,000 has been allotted for the work in the current year's budget.

4. The Superintending Engineer will submit a supplemental estimate providing for a barbed wire fence in lieu of the compound wall.

5. The sanction accorded in paragraph 1 has been registered as Provincial No. 86 W. of 1893-94 and classified as Civil Buildings, Original Works.

(True Extract.)

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

To the Superintending Engineer, II Circle,  
" Examiner, Public Works Accounts, with plan and estimate.  
" Revenue Department.  
Editors' Table.



BUILDINGS AND ROADS.  
CIVIL WORKS.

Govt. of {1893} Madras.  
PUBLIC WORKS.

Dated September, 9th.

Recd.

Encl.

G.O., 9th Sept. 1893, No. 2328 W.

SEPTEMBER.

Taluk Office at Tenali

Estimate of Rs. 38,320 for constructing a first-class — in Kistna district, sanctioned with remarks, and a supplemental estimate providing for a barbed wire fence in lieu of the compound wall called for.

Copy of letter No. 367 K.O. dated 10th May 1893 from the officiating Superintending Engineer, II circle, to the Chief Engineer, P. Department, Madras, through the Collector, Kistna District.

2328/3

I have the honour to forward herewith plans and estimates for a Taluk office, outbuildings &c at Tenali, Repalli Taluk, as called for in G.O. No. 318 W.O/3-2-91. The estimate amounts to Rs 42,000. The alterations to

the Treasury room, doors and windows orders in G.O. No. 785 W.O/22-3-1893 have not been allowed for in the estimate as the estimate had been prepared prior to the receipt of the G.O. referred to.

These alterations will not have an appreciable effect on the estimate so I have not thought it worthwhile to alter it.

3. It was at first intended to allow only 4 1/2 feet foundations, of which the bottom 2 feet were to be concrete but as I have learnt on enquiry that in some years the soil dries up to a depth of nearly 6 feet and so owing to the proximity of channels and wet land the subsoil water level varies greatly at different periods of the year.

Enclosures 9

1 site plan

1 General abstract

1 Report

1 Data

1 Estimate for

1 Do for record

1 Do for certificate

1 Do for compound wall

1 Do for cook-house



consider it advisable to ~~alter~~ foundations  
6 feet in depth.

4. The site is low and only about  $1\frac{1}{2}$  feet  
above the level of wet land which is close by.  
So I have made the basement 3 feet high  
instead of 2 feet as per standard design.

5. As funds have been allotted, the work  
has been started in anticipation of sanction  
to the estimate.

BOARD'S GEN. REG. NO 1452 OF 1893  
LAND REVENUE

Also No 1896 of 93 —  
Submitted to the Chief Engineer P.W.D.  
through the Secretary to the Commissioners  
of Land Revenue. The plan and estimates  
are enclosed for approval. No provision  
has been made for a rypst's shed, the same  
being in my opinion entirely superfluous.

District Collectorate  
Masulipatam  
Of 11-6-1893  
For. ag. Collector

Rs 5/-  
17/25/93

1393  
REVENUE DEPARTMENT.  
Enclosure No. 8  
Current No. 570

F 1,0 25-6-93.  
17

Read the following Report  
G.O. dated 25 July 1893, No 2746

328  
7/14  
REVENUE DEPARTMENT.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

Read the following Proceedings of the

Board of Revenue, Land Revenue, dated 6<sup>th</sup> July 1893  
No 3967 and on Endorsement of the Collector of  
Tirunelveli dated 11<sup>th</sup> June 1893, No 1896.

Resolution

Submitted to Government with reference  
to G.O. dated 27<sup>th</sup> January 1891 No 55, Revenue  
Department.

2. A sum of Rs 3700 has been provided  
in the estimate for constructing a compound  
wall. The Board suggests that a barbed  
wire fence may be substituted for it.

Order thereon, 25<sup>th</sup> July 1893, No 2746

The plan and estimates are approved  
and will be transferred to the Public Works  
Department in which the Board's suggestion in  
para 2 of its proceedings reads above will be  
considered.

(True Extract)

Whitfield

Under Secretary P.W.D.  
for Secretary to Govt

The Public Works Dept. with 8 mcs  
Commissioners of Land Revenue



Gobt. of {1893} Madras.  
REVENUE.

To  
The Public Works Department.

Dated  
Recd. 1.8.93  
Encls 15 (1 plan)

Mis. G.O., 25 July 1893, No. 2746

SUBJECT.

Approving the plan and

estimates for constructing a Taluk  
butchery at Timali, Kallakurichi.

318/0 of 3.2.91  
" 702/0 of 19.3.91  
" 785/0 of 22.2.93.

Off 260

2328 2P

Note by the Chief Engineer, P.W.D.

The Superintending  
Engineer has not furnished  
data in support of the  
high rates allowed for the  
following items:—

|                            | Estimate rate. | Govt. Schedule rate |
|----------------------------|----------------|---------------------|
| 1. Excavation ..           | Rs. 5. --      | Rs. 4. --           |
| 2. Brick in<br>mortar ..   | 27. --         | 22. 7. --           |
| 3. Circular<br>archwork .. | 31. --         | 25. 4. --           |
| 4. Teakwoodwork ..         | 4. --          | 3. 8. --            |
| 5. Wrought<br>iron ..      | 3. --          | 2. 6. --            |
| 6. Plastering<br>1 coat .. | 2. 8. --       | 2. 6. --            |

The omission should now  
be supplied.

2. The soil on which it is  
proposed to rest the  
building being reported  
to be black cotton, the  
undersigned considers  
that it would be well  
to provide a plinth pro-  
tection all round the  
building.



building and to fill in  
the sides of the founda-  
tion with gravel or sand.  
or Quarry rubbish

JH

5.9

EW

pull  
2.9.43

Public Works Department.

Current No.

6925

Letter No.

2746

Dated

25. July 1893

From the

Revenue Department

TECHNICAL NOTE.

Name of Work

Constructing a Telling Office  
at Tenali in the Krishna District

Amount of Estimate, Rs. 38,320

PARTICULARS OF ESTIMATE.

|                      |                 |     |        |
|----------------------|-----------------|-----|--------|
| Main Building        | Office          | Rs. | 34,342 |
| Subsidiary Buildings | Public latrine  |     | 510    |
|                      | Cook house      |     | 360    |
| Well                 |                 |     | 600    |
| Contingencies        | 5% (Rs 1657)    |     | 1657   |
| Petty Supervision    | 2 1/2% (Rs 857) |     | 857    |
| Land compensation    |                 |     | 668    |
| Recesses & ladder    |                 |     | 1440   |
| Road & culvert       |                 |     | 400    |
| Total Rupees         |                 |     | 38,320 |

PARTICULARS OF CONSTRUCTION.

Surface soil } Staked the 3 1/2 ft. Black cotton soil  
Sub soil } brown clay & rather sandy, at 6 feet  
below surface soil.  
Foundations are to be carried down 6 feet deep.  
The lower 3 1/2 ft. to be laid in with concrete  
& the upper 2 1/2 ft. built of coarse rubble  
in mortar.  
Basement is to be raised 3 feet high & built of  
coarse rubble in mortar.  
Walls are to be raised to the height noted on  
the type design & built of coarse  
rubble in mortar with flat & cross  
courses of brick in chunam on  
doors & windows.



Plastering or Pointing The interior faces of walls are to be plastered with 2 coats of mortar & the exterior finished with chunam.

Flooring is to be of teak planks laid over a bed of concrete 4 1/2" thick & finished with cement & kumhar.

Roofing is to be of Mangalore tiles laid over teak rafters & covered with 1/2" pine planks except the verandah which are not to be tiled.

Doors and Windows are to be of teakwood & of the description noted in the estimate & painted with 3 coats of green paint.

Roof timbers are to be of teakwood & painted with 3 coats of green white paint.

Scantlings are correct.

Rates a few of the rates are in excess of the Divisional Schedule but data lists are submitted in support of these high rates.

The plinth area of the main building is 6200 square feet, and the cost per square foot will be Rs. 3.2.11.

The plans and estimates have been countersigned by the Collector, Krishna District and approved in the Revenue Dept. with the Department. Note that the suggestion of the Rev. Board regarding the construction of a masonry compound be considered in this dept.

### Remarks

This estimate has been framed with reference to G.O. No. 318 W dated 3rd Feb. 1891 & provides for constructing a First class taluk office with out-houses at Tenali in the Krishna Dist.

The estimate for the main building has been based as per revised type design circulated with G.O. No. 3023 W dated 11th November 1891 for tiled roofing, except that the foundations have been made 6 feet deep to suit the nature of soil & that the height of basement increased from 3 to 3 feet owing to the proposed site being low ground & much cultivation near by. The thickness of partition walls have also been increased

increased from 1 1/2" to 1 3/4" in order to suit stone masonry.

The estimate for the subdivision buildings has been based on the design circulated with G.O. No. 1409 W dated 28th May, 1889.

Provision has been made for fitting the record room with 24 teak wooden racks each 6' x 2 1/2' x 9 1/2" & a wooden miscellaneous ledger as per design approved in G.O. No. 802 W dated 19th March 91.

The site selected by the Collector is private land for which compensation to the extent of Rs. 668 for 3.34 acres has been provided for in the estimate.

The following rates are in excess of the Divisional Schedule:

- (a) Excavation — 5.0.0 against 4.0.0
- (b) Concrete — 14.12.0 — do — 12.0.0
- (c) Perch in mortar — 27.0.0 — do — 22.9.0
- (d) Flat arch work — 29.0.0 — do — 23.0.0
- (e) Circular archwork — 31.0.0 — do — 25.4.0
- (f) Teakwoodwork — 4.0.0 — do — 3.8.0
- (g) Wrought iron work — 3.0.0 — do — 2.6.0
- (h) Plastering 1 coat — 2.8.0 — do — 2.6.0

but data lists are submitted only in support of items b & d.

As the description of soil in which it is proposed to found the building is reported to be black cotton it might be well to provide a plinth protection all around the building & to fill in the sides of the foundations with gravel.



gravel or sand.

The Board of Revenue in para 2 of its proceedings suggests that a barbed wire fence be substituted for the proposed masonry compound wall as estimated at a cost of Rs. 3700.

The amount of the estimate submitted, viz. Rs. 42,000 has been reduced to Rs. 38,320 owing to the omission of the masonry compound wall which amounted to Rs. 3700 & to the increase by Rs. 20 under the sub-head pointing with chunam in the main building, owing to an error under this head in the estimate.

Supplemental estimate may be called for fencing the compound with barbed wire as suggested by the Board.

30.11.93

PUBLIC WORKS DEPARTMENT.

N<sup>o</sup> 2328 W of 9 September 1893.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

READ the following

Pres. in the Rev. Dept. No. 2746 of 25<sup>th</sup> July, 1893.  
Note by the Chief Engineer, P.W. & of 5<sup>th</sup> Sept. 30

The estimate for constructing a first class taluk office at Tenali in the Kistna District has been reduced from Rs. 42,000 to Rs. 38,320 by omitting the provision for a compound wall and by rectifying an error under the head "Pointing with Chunam". The estimate, as thus reduced, is sanctioned.

2. The attention of the Superintending Engineer II Circle is drawn to the note by the Chief Eng recorded above.
3. A sum of Rs. 15,000 has



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has been allotted for the  
work in the current year  
budget.

4. The Superintending Engr  
will submit a supple-  
mental estimate provi-  
ding for a barbed wire  
fence in lieu of the Com-  
pound wall.

5. The sanction accorded  
in para 1 has been  
registered as Provincial  
N<sup>o</sup>. 86W of 1893-94 and  
classified as Civil  
Buildings, Original  
Work.

WMS  
11/9/93

8/8/93

DESPATCHED  
10 SEP 93

To The S.E. II Circle ✓  
with plan and estimate (14)  
" Exar. P.W. Accts ✓  
" Revenue Dept. ✓  
" Editor's Table ✓  
16/9

MS 260  
HMS 5-9



C No 6725

Govt. of {1893} Madras.  
PUBLIC WORKS.

Dated

19/9/93

Recd.

Encl.

G.O. of Sept 1893, No. 2328W.

Taluk office at  
Senali

Estimate of Rs 38320  
for constg a first  
class — in Kistna  
District sanctioned  
with remarks, and a  
supplemental estimate  
providing for a barbed  
wire fence in lieu of  
the compound wall  
called for. —

100  
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J. C. 11-11  
J. 11/9-