

(1) Number of pages 32
 (2) Date of repair 28-7-86
 (3) Initials of the Referencer lca

TAMIL NADU ARCHIVES

GOVERNMENT OF TAMIL NADU

Public works DEPARTMENT

G.O. No.	997 (W)	Press.
B.P. No.		Mis.
Dated	28-2-1878	197.

297

Not to be folded or roughly handled

997
1

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

28th February 1878, No. 997 W.

Buildings and Roads.

Civil Works.

Read the following papers :—

No. 314. From Colonel C. S. HEARN, Inspector-General of Police, to the Secretary to Government, Public Works Department, dated Madras, 19th May 1877, No. 2,202.

ADVERTING to paragraph 2 of G.O., No. 132, dated 15th January last, Public Works Department, I have the honor to submit for the sanction of Government the accompanying two plans with estimates, amounting to Rupees 1,405, for the construction by departmental arrangement of the station-houses specified in the margin in the Cuddapah District.

One Station-house at Tungatur	RS. 720
One do. at Sullavinla	685
Total ...	1,405

2. The necessary provision for the above buildings has to be made in the Department Public Works Budget Estimate for 1878-79.

3. The Superintendent of Police has been directed to secure the necessary sites for the buildings in question.

No. 314-A. From the same Officer, dated Madras, 4th February 1878, No. 502.

With reference to the Deputy Chief Engineer's memorandum, No. 1,448, dated 1st June 1877, I have the honor to forward

* No. 4-38, dated 8th August 1877. the accompanying two revised estimates with plans, &c., together with a letter,* in original, received from the Superintendent of Police, Cuddapah, for the construction by departmental arrangement of the station-houses noted in the margin in that district during 1878-79.

One Station-house at Sullavinla	RS. 804
One Do. at Tungatur	650
Total ...	1,454

2. Funds to the extent of Rupees 1,454 have to be provided for in 1878-79 instead of Rupees 1,405 as previously recommended.

3. It will be observed that the sanctioned standard plan cannot be adhered to in all localities, nor does it appear desirable to enforce such adherence where buildings of the description now recommended and suited to the local requirements are found to answer well.

No. 315. ORDER THEREON 28th February 1878, No. 997 W.

The plans and estimates for the following works in the Cuddapah District are sanctioned for execution by the Police Department:—

1. Station-house at Sullavala ... Rs. 804 No. 289 B of 1878-79.
2. Do. at Tungatur ... " 650 " 290 B of "

Rs. 1,454

2. The works will be carried out from the provision for Police Works to be made in the Public Works Budget of 1878-79.

3. This sanction has been registered as Provincial and numbered as shown above.

(True Extract.)

(Signed) E. A. FOORD, Colonel, R.E.,
Secretary to Government, P.W.D.

To the Inspector-General of Police.
" District Engineer, Cuddapah.
" Examiner of Public Works Accounts, with Estimates.
" Judicial Department.

Erd. S. T. Austin.
Spare Copies

997
2

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of (1878) Sydney.

PUBLIC WORKS.

To

THE INSPECTOR-GENERAL OF POLICE.

&c. &c. &c.

Dated February 1878.

Issued

Recd.

Ind.

G. O. 10th February 1878, No. 307 W.

FEBRUARY.

Nos. 314-315.

Station-Inquest at Sydney and
Outlying District - Subject for
for the Police Department of the place and
estimated for

G.O. No 1328/15 January 77

P.W.D.

22 MAY 77
5100

From
The Inspector General
of Police,
1877 Dept.

To
The Deputy to Govt
and District Officer
M. S. George
Dated 19th May 1877
No. 2202

Estimated, submitted for
sanction 2 plans with
estimated amounting
to Rs 1405 for the con-
struction by Department
and arrangement of
certain alterations and
in the Cuddalore
District.

Memo. to 14488/1st June 77

Specification to accompany the Estimate
for constructing a Police Station House in
the village of Suncation, Pallempet, Puduk-
ottai accompanying plan.

Amount
Nature of Work

1. Amount of Estimate Rs 550
2. The estimate provides for constructing
a Station House according to the plan. The
work to be of Buck in Chumam and the wood
work to be of jungle wood.

Dimensions of Foundation and Basement.

3. The foundations from outside
to outside of basement will measure $2\frac{1}{2} \times 18\frac{1}{2}$ feet.
The breadth of foundation of the whole of the walls
will be 2 feet. The whole of the walls of the main
building including the basement to be 4 feet in
depth. The depth of the retaining wall running
round the verandah will be $1\frac{1}{2}$ feet and 1 foot
in breadth.

Superstructure

4. The walls of the building above
the basement will be 10 feet in height all round
to bottom of rafters. The breadth of all the walls
will be $1\frac{1}{2}$ feet. The building inside and outside
will be plastered with 2 coats of chumam.

Roof.

5. The roof of the building will be
terraced and supported on jungle wood
rafters laid transversely resting on a wall
plate. The terracing will be made of 1 course
of terrace bricks over which will come 3 courses
of flat tiles laid in chumam and over that again
plastering.

Verandah

6. A cornice projecting $3\frac{1}{4}$ feet will
run round the main building on a level
with

with the terrace of the same depth

7. A parapet wall $1\frac{1}{4}$ feet in breadth and $1\frac{1}{2}$ height will be built round the terrace over the outer walls of the building

Parapets

8. The verandah roof will be of heavy timbering in jungle wood rafters supported by jungle wood posts in ground and the other ends being let into the walls of the main building over the wall plate and front beam.

Verandah

The terrace to be made of 2 courses of flat tiles set in mortar and over that 2 coats of plastering. The breadth of verandah will be 5 feet, and the floor to be $1\frac{1}{2}$ feet lower than the floor of the main building with a flight of steps 4 feet long having a rise of 8 inches and 1 foot head.

9. The partition wall will divide the main building into two, one part for the lock up being $15\frac{1}{2} \times 7$ in dimensions and the other, the office being $16\frac{1}{2} \times 8\frac{1}{2}$ in dimensions. In the partition wall there will be 2 openings which will be protected by iron gratings set into the floor at bottom and into the rafters at top. In one of these gratings a swinging door will be constructed.

Lock Up

10. The opening from the office into the verandah will also be protected by iron gratings set into the floor at bottom and into the beam at top.

Office

11. The iron bars for the gratings will

Iron Work

Flooring

Windows

Wood Work

Plastering

Materials

will be 1 inch in diameter and will be placed 4 inches apart from centre to centre having one straining bar running horizontally to prevent the bars being bent.

12. The flooring of the building will be of slabs bedded in a course of 9 inches of concrete made of 1 part of lime 6 of broken brick and 2 of sand well rammed.

13. There will altogether be 6 windows in the building, 2 in each side wall and 2 in the back wall. Each window to be $2 \times 1\frac{1}{2}$ feet and to be protected by iron bars let into the lintels. The windows to be placed $7\frac{1}{2}$ feet above the floor of the building.

14. The scantling of the wall plate will be $4\frac{1}{2} \times 4\frac{1}{2}$ inches, that of the rafters of the main building $4\frac{1}{2} \times 3$ inches and the verandah rafters the same. The verandah posts will be 1 foot in diameter. The rafters will be $\frac{1}{2}$ inch in thickness and 2 inches in breadth and will be placed 6 inches apart from centre to centre. Rafters to be $1\frac{1}{2}$ feet from centre to centre.

15. The plastering will be composed of 1 part lime and 2 of clean sand well pounded together.

16. Brick to be burnt at a distance of 2 miles. Sand in the vicinity. Slabs from a distance of 5 miles. Jungle wood of the vicinity old Station.

997
44

W. H. Moore

Inspector of Police
D. I. 4. II

27th July 1877

Estimate of Police Station House to be built at Turgate

Particulars	Number	Measurements in feet and inches			Content in feet and inches	Cubits in 2 ft. 6 in.
		Length	Breadth	Depth		
Foundation of front and rear walls	2	22	2 1/2	5	330	1
Do do do do do	2	12 1/2	2 1/2	3	18 1/2	1
Do do do front and side walls	1	14	2 1/2	3	105	1
Basement of front and rear walls	2	21 1/2	2	3	258	1
Do do do walls	2	13	2	3	155	1
Do do do front and side walls	1	13 1/2	2	3	81	1
Do do do front and side walls of verandah	1	31	1 1/2	1 1/2	69 3/4	1
Superstructure of rear wall	1	21	1 1/2	9 3/4	307	1
Do do do do wall	2	15	1 1/2	9 3/4	438 1/2	1
Do do do do front and side walls	1	12 3/4	1 1/2	9 3/4	186 1/4	1
Do do do parapet wall	1	70	1 1/2	1 1/2	131 1/2	1
Do do do steps	1	4	1	1 1/2	6	1
Do do do do do	1				2255 3/4	1
Do do do do do	6	2	1 1/2	1 1/2	27	1
Total Masonry					2229 3/4	82 1/2
Flooring of Main Building	1	18	13 1/2		243	1
Do do do verandah	1	19	5		95	1
Total Flooring					338	3 1/2
Plastering with chunam inside	1	48		9 3/4	458	1
do do do outside	1	57		9 3/4	555 1/4	1
do do do do front and side walls	1	29		9 3/4	282 1/4	1
do do do do parapet wall both sides	1	14 1/2		1 1/2	217 1/2	1
do do do do inside of basement	1	77		4	308	1
do do do do do verandah	1	33		1	33	1
Total Plastering					1665	18 1/2
Roofing with terraced brick and chunam &c	1					2 1/2
Bengal Roof with courses of flat tiles &c	1					2 1/2

Continued

Particulars	Surveys	Measurement in Feet and Inches			Contents in Cubic Feet	Contents in Cubic Yards
		Length	Breadth	Depth		
cornice with plastering &c	1	5 1/2	3 1/2	3 1/4	50 1/2	30
recessed foundation of front & rear walls	2	23 1/2	5 1/2	3	403 1/2	5
do do side walls	2	11	3 1/2	3	231	1
do do lock up wall	1	4 1/2	3 1/2	3	47 1/4	1
do do verandah	1	30	2 1/2	1 1/2	112 1/2	1
Plaster in basement of main building	1	18	13	3	702	1
do do verandah	1	19	5	1	95	1
Total		61 1/2	20 1/2	12	1681 1/2	162
Costs for verandah	4	8 1/2	3 1/2	3 1/4	17	1
do	2	11	1 1/2	3 1/4	8 1/4	1
do	2	8 1/2	1 1/2	3 1/4	5 3/8	1
Press summers	3	7 1/2	1 1/2	1 1/2	3 3/4	1
Rafters for main building	25	8	1 1/4	1 1/2	17 1/3	1
Rafters for verandah	14	10	1 1/4	5 1/2	14 7/2	1
Total		100 1/2	30 1/2	20 1/2	50 1/2	15

27 July 1877

W. P. More
Major
Inspector of Police
C. I. & II

No. 38

Office of the Superintendent of Police
Cuddalore 8th August 1877.

From

The Superintendent of Police
Cuddalore

To,

The Assistant Inspector General
of Police Madras.

Sir,

With reference to your Memo No 2553 dated 8th June 1877 returning the Plans and Estimates for certain Station Houses in this District with Memo No 1148 of Public Works Department, I have the honor to state that with reference to first objection viz that the plans are not in accordance with the standard design circulated with Government Order No 1555 dated 12th June 1875, it is not stated that this should be adopted every where, but was only given as a general guidance and I can only state that such Station Houses are not only unsuitable for the places now mentioned, but are a great deal too expensive to build in such a District as Cuddalore as will be seen by referring to those Estimates that have been already sent in by the D.P.W.

The Station Houses now estimated for and of which the plans have been submitted

are just suitable for the places they are to be erected in viz Singatoo and Salimudha and can be built much more economically than any other kind and the cost of erecting them is so little in comparison with what the others would cost. therefore I consider it is much more desirable that such Station Houses should be built as it answers all our purposes well and is so much more economical.

Corrected estimates are now submitted, the alterations suggested in the iron gratings will be carried out,

It is provided that the floors should be paved with slabs of stones. It would be expensive procuring the asphalt in a District like this and even then there is no one who understands putting it down.

Arm Racks have now been provided for.

A specification is also submitted as directed. One coat of chunam plaster and a coat of white wash have now been provided for in the estimate for Salimudha Station. Ceiling to the lock up is also entered, and six ventilating windows which were omitted.

These two buildings will be erected

on sites on which former mud Station Houses stood, and therefore it has not been considered necessary to obtain Collector's signature to the site plans now furnished.

As these Station Houses are situated in places to which there are no roads in particular it has been found necessary to allow 10 per cent sundries to remain to cover the cart hire for timber and other material for which no provisions have been made in the estimate and for which it would be difficult to estimate with any certainty.

I have the honor to be

Sir

997
A Your most obedient servant

J. W. Major
Superintendent of Police.

W

Estimate

Specification to accompany the Estimate
for constructing a Police Station House in the
village of Chittamunda, Dullumbett Taluk,
in the accompanying plan.

Amend.

Nature of Love

Dimensions of
Foundation and
Basement.

Infrastructure

9907

Terudah.

Amount of Estimate, \$2504.00

The estimate provides for constructing a Station House according to the plan. The work to be of brick in Chuanam and the work to be of jungle wood.

The foundation from outside to outside of basement will measure $24\frac{1}{2} \times 18\frac{1}{2}$ feet. The breadth of foundation of the whole of the wall will be 2 feet. The whole of the walls of the main building including the basement, to be 4 feet in depth. The depth of the retaining wall running round the verandah will be $1\frac{1}{2}$ feet and 1 foot in breadth.

4 The walls of the building above the basement will be 10 feet in height all round to bottom of rafters. The breadth of all the walls will be $1\frac{1}{2}$ feet. The building inside and outside will be plastered with 1 coat of Chaux.

The roof of the building will be tiled and supported by a series of timbers and rafters laid transversely resting on a wall plate. The roof will be of flat and pan tiles with chimneys borders. The

The verandah roof will be tiled in single wood rafters supported by single wood posts in front, and the other ends being set into the wall of the main building over the wall plate and front beam. The roof to be of flat and batten with.

Adm.

From
The Superintendent
of Police Department
To
The Post Inspector
of Police Department

1877

Oblique

the main borders. The breadth of verandah will be 5 feet and the floor to be 1 1/2 feet lower than the floor of the main building with a flight of steps 4 feet long having a rise of 6 inches and 1 foot tread.

The partition wall will divide the main building into two, one part for the lock up being 15 x 7 feet in dimensions and the other, the office being 15 1/2 x 7 1/2 feet in dimensions. The partition wall will have an opening protected by a strong grated door.

The bars for the door will be inch in diameter and will be placed 4 inches apart from center to center.

The flooring of the building will be of stone, laid in a course of 7 inches of concrete made of 1 part of lime & 6 of broken brick and 2 of sand with rammed.

There will altogether be 6 windows in the building 2 in each side wall and 2 in the back wall. Each window to be 2 x 1 1/2 feet and to be protected by iron bars let into the lintels. The windows to be placed 7 1/2 feet above the floor of the building.

The rafters of the wall plates will be 4 1/2 x 4 1/2 inches, that of the rafters of the main building 4 1/2 x 3 inches and the verandah rafters the same. The verandah posts will be 1 foot in diameter. The sections will be 1/2 inch in thickness and 2 inches in breadth and will be placed 5 inches apart from center to center. Rafters to be

Lock Up

Iron Bars

Flooring

Windows

Wood Work

Plastering

Materials

be 1 1/2 feet from center to center. Over the rafters of the lock up will be placed boards 2 inches apart.

The plastering will be composed of 1 part of lime and 2 of clean sand well pounded together.

and tiles
Bricks to be burnt at a distance of 1 1/2 miles. Sand from a distance of 2 miles. Shales from a distance of 4 1/2 miles. Jungle wood from a distance of 5 miles.

W. J. F. Moore

27th July 1877

Inspector of Police

D = 4 II

9979

Estimate of Price Station House to be built at Sullaville

Particulars

99/10

Particulars	Number	Measurement in feet and inches			Contents in feet and inches	Contents in cubic feet
		Length	Breadth	Depth		
Foundation to back and front walls	2	21 1/2	2	12	172	✓
do side walls	2	15	2	12	128	✓
do walls of lock up	1	14 1/2	2	2	58	✓
do Terrace	1	31	1	1	31	✓
Basement to back and front walls	2	21 1/2	2	2	172	✓
do side walls	2	15	2	2	128	✓
do walls of lock up	1	14 1/2	2	2	58	✓
Substructure of back wall	1	21	1 1/2	10	315	✓
do side walls of lock up	1	8 1/2	7 1/2	10	127 1/2	✓
do side walls	2	15 1/2	1 1/2	10	408	✓
do front wall of lock up	1	15	1 1/2	10	225	✓
do side walls of lock up	1	18	1 1/2	3	81	✓
do verandah walls	1	37	1	1	37	✓
do Terrace	1	3	1 1/2	1 1/2	3 3/4	✓
Total					2028 1/4	✓
Deduct for door	1	4	1 1/2	8	35	✓
do for windows	6	2	1 1/2	1 1/2	27	✓
					33	✓
Total Remaining					1965 1/4	✓
Flooring to main building	1	18	13 1/2	"	243	✓
do Terrace	1	19	5	"	95	✓
Total Flooring					338	✓
Roofing of main building front & back	2	23	9 1/2	"	437	✓
do do sides	2	22	6	"	264	✓
do Terrace	1	19	9	"	171	✓
Total Roofing					872	✓

Particulars

Particulars	Quantity	Measurement in Feet and Inches			Cost in Rs. and P.	Total in Rs. and P.
		Length	Breadth	Depth		
Plastering Basement at back and side	1	2 1/2	"	2	43	✓
do do front	1	2 1/2	"	2	32 1/2	✓
do do side	2	18 1/2	"	2	74	✓
do back and side walls both sides	2	57	"	10	1140	✓
do lock up walls both sides	1	54	"	10	540	✓
do Gable ends both sides	1	36	"	2 1/2	90	✓
do Steps	1	15	"	1 1/2	22 1/2	✓
do Verandah	1	31	"	1 1/2	46 1/2	✓
Total Plastering					1042 1/2	✓
Excavating foundation of back & front walls	2	22	2 1/2	2	220	✓
do do side walls	2	15	2 1/2	2	150	✓
do do wall of lock up	1	22	2 1/2	2	110	✓
do do verandah wall	1	31	1 1/2	1	46 1/2	✓
Total excavation					526 1/2	✓
Filling in Basement of Lock up & main room	1	14 1/2	10 1/2	2	478 1/2	✓
do Verandah	1	19	6	1 1/2	27 1/2	✓
Total filling in basement					506	✓
Jungle timber	1	18	12	"	216	✓
Boards for lock up ceiling	1	18	12	"	216	✓

July 1877

J. J. Moore
Inspector of Police

W. M. Wajor
Superintendent of Collieries

Puttling Building Chief Office of the Inspector General of Police,
No 222¹⁸⁷⁷/27
Madras, 19th May 1877.

From
The Inspector General of Police,

To
The Secretary to Government
Public Works Department
Fort Saint George.

Sir,
Adverting to Para 2 of G.O. No 132
Enclosures. 6

1 Station House at Timgatoor Rs 720 dated 15th January
1 do at Sullivanu Rs 685 last P.W.D. estimate
Total Rupees 1405 the honor to sub-

mit for the sanction of Govern-
ment the accompanying 2 plans
with Estimates amounting to
Rupees 1405 for the construction by
Departmental arrangement
of the Station Houses specified
in the margin in the Cuddalore
(District).

2. The necessary provision for
the above buildings has to be
made in the P.W. Budget.

Estimate for 1878/79-

3. The Superintendent of Police has been directed to secure the necessary sites for the buildings in question-

I have the honor to be,
Sir,
Your most Obedt Servt,

C. M.
Inspector General
of Police

Huttig Building 1878/79. Chief Office of the Inspector General of Police,
No. 502
Madras, 4 February 1878.

From
The Inspector General of Police.

To
The Secretary to Government
Public Works Department,
Fort St George.

Sir,

Enclosures.

With reference to the Deputy Chief Engineer's Memo No 1448 dated 1st June 1877, I have the honor to forward the accompanying two revised Estimates with plans &c. together with a letter in original received from the Superintendent of Police Cuddapah, for the construction by Departmental arrangement of the station Houses noted in the margin in that District during 1878/79.

1 Station House at Sullavula @ 804
— de — Tungaturo @ 650
Total @ 1454

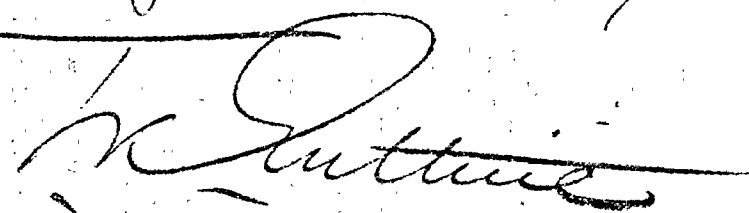
2. Funds to the extent of @ 1454 have to

be provided for in 1878/79 instead of Rs. 1405 as previously recommended.

3. It will be observed that ^{the} sanctioned standard plan can not be adhered to in all localities nor does it appear desirable to enforce such adherence where buildings of the description now recommended and suited to the local requirements, are found to answer well.

I have the honour,

Sir,
Your most obedient servant,



Major

Asst. Dir. Gen. of Police
for Inspector General of Police.

997
159

B. H. A. Alwala

N^o. 997 W Public Works Department.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

UNDER date the 28th Feby 1878

Read the following:—

From the Inspector Genl of Police (H. B. N^o 2202 of 19 May 1877).
— 8^a — 5^a — (H. B. N^o 502 of 4th Feby 1878).

997
124

The plans and estimates for the following works in the Cuddapah District are sanctioned for execution by the Police Dept.



1. Station House at Sullavinda — Rs. 804
 2. Station House at Tungatur — Rs. 650
- Rs. 1454.

No 289 B. of 1878/79
No 290 B of do

The works will be carried out from the provision for Police Works to be made in the Public Works Budget

Inspector General of Police. 5 of 1878-79. W. H. M.
District Engineer Cuddapah. 5 of 22.2.78.
Examiner P. W. Accounts. 5 of 22.2.78.
Judicial Department. 5 of 22.2.78.
This sanction has been registered as No. 997 and numbered.

1878 Dept.

From
The Inspector General
of Police,

To

The District Officer
Cuddapah.

Dated 4 Feby 1878
No. 502

Sanction to the plans and estimates for the works in the Cuddapah District for execution by the Police Dept. in the year 1878-79.

with Librarian

* 4 Plan put up.
for C. N^o. 6977/78
22.6.78.

Memos No. 1448 of 1 June 1877.
G.O. " 132 of 15 June "

25.2.78

as shown above.

997
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15

5769/44
C. 1488

11878; Madras

PUBLIC WORKS.

To The Inspector General of Police
(16) 17

Dated

Issued

Recd.

Encl.

G. O. 28 July 1878, No. 997W

Nos.

Plating houses at Pulla-
vula and Lungatur,
Cuddalore District. Sanctions
for execution by the Police Dept
the plans & estimates for

Sanctioned by
The Inspector General of Police