

(1) Number of pages _____

(2) Date of repair _____

(3) Initials of the Referencer _____

MADRAS RECORD OFFICE.

Government of Madras.

Public Works DEPARTMENT.

G.O. No.	918	(W)	Press ~~Mis.~~
Dated	8-10		1877.

Not to be folded or roughly handled

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

8th October 1877, No. 918 W.

Buildings and Roads.
Civil Works.

Read the following paper:—

No. 79. From J. D. GRANT, Esq., Officiating District Engineer, Tinnevely, to the Chief Engineer, Public Works Department, Buildings and Roads, dated Camp at Courtalum, 24th August 1877, No. 76.

I HAVE the honor to submit, for sanction and inclusion in the next Budget, the undermentioned estimates for Police buildings amounting together to Rupees 2,960.

3 Estimates.
2 Site plans.

2. These works are to be in accordance with the standard designs, are approved by the Inspector-General of Police, and were entered in my draft Budget for 1877-78, but were not sanctioned by Government.

3. The buildings are to be built on Government waste land, and therefore no compensation is required; but in the case of Pavoor Station-house provision was made for compensation as I supposed it was to be built on private land; it now appears that it also is to be built on Government waste.

4. I have not altered the estimate, as it was approved by the Inspector-General in its present state.

	RS.
Station-house at Pavoor	870
Do. at Sedinganallur	850
Four huts at Seedaparpanallur	1,240

No. 80. ORDER THEREON, 8th October 1877, No. 918 W.

HIS EXCELLENCY the Governor in Council sanctions the estimates for the under-mentioned Police works in the Tinnevely District—

	RS.
1. Station-house at Pavoor... ..	870
2. Do. at Sedinganallur... ..	850
3. Four huts at Seedaparpanallur	1,240

2. The Inspector-General of Police will suggest proposals for providing funds.

3. This sanction has been registered as Provincial and numbered as follows:—

Estimate Rupees 870 No. 174	} B of 1877-78.
Do. " 850 " 175	
Do. " 1,240 " 176	

(True Extract.)

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

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

Exd. E. C. Shunker.
Spare Copies

Specification Report to accompany
Estimate for Constructing Police Station
House at Laduaganallur.

1. Amount of Estimate Rupees ⁸⁵⁰ 750

The Station House to be built according to the Standard Plan accompanied the G.O. No 1555 dated 12 June 1874

2. Before Commencing the work the foundations to be carefully marked out by the Overseer in charge of the work. The bottom of excavations to be levelled off and rammed.

Rough Stone
Chunans

3. The foundations to be of roughly dressed stone laid in mortar composed of 1 part lime and $\frac{1}{2}$ part sand well beaten. The stones brought for the work to be as rectangular as obtainable. The stones to be roughly squared with a hammer where necessary all stones to be laid on bed headers and stretchers alternately. Each course to be finished off successively to a uniform level all interstices to be completely filled with small stone in mortar.

Brick in
Chunans

4. The basement and Superstructure as per Estimate to be of brick in mortar. The mortar to be composed as above. The bricks to be sound well shaped and thoroughly burnt $9 \times 4 \frac{1}{2} \times 2 \frac{1}{4}$ in size. The bricks to be bonded properly and

and each course similarly finished off level. The bricks to be soaked in water immediately before use. And the jaggery to be dissolved in each pot of water used in building not more than 10 per cent of water to be used in building.

5. Flat arches to be built. Flat arch work over doors and windows. The bricks to be rubbed to proper shape joints not to exceed $\frac{1}{4}$ inch.

6. The tiles for Honey Comb. Honey Comb tile work to be carefully selected strong tile work and well burnt. The ends to be rubbed even to be laid in mortar.

7. Bricks to be $6" \times 1\frac{1}{4}"$ size. Bricks work to be laid as shown in plan. The ends to be rubbed even.

8. Joints to be raked out $\frac{1}{2}$ inch and walls plastered with 2 coats as per estimate. First coat to be of 1 lime $\frac{1}{2}$ sand. Second coat to be 1 lime to 1 sand well ground together. Second coat to be laid on before the first is dry and rubbed smooth. A sufficient quantity of jaggery to be used with the plaster.

9. The flooring of rooms to be Flooring of one layer of bricks laid flat in chunam over a layer of gravel rammed hard. Bricks of first quality to be selected.

Cut Stone 10

Terracing 11

Selected No half bricks to be used. Cut stone steps as per estimate to be provided to be dressed fair on treads and risers and laid in mortar specified in para 3.

The bricks to be laid on edge in chunam and covered with 3" brick jelly in mortar the preparation being 3 of jelly to 1 of mixed mortar on which one to be laid 3 courses of flat tiles in mortar the ceiling and upper surface to be plastered with 3 coats of chunam rubbed to a smooth even surface. The terraces to have a slope of $\frac{1}{4}$ inch in the foot towards the walls to allow rain water to run off.

Wood Work. 12

The wood for bressumers and joints to be Venpai or teak cut exactly to the required dimensions and planed smooth. The bressumers to be scarfed over pillars the length of scarf being $\frac{1}{2}$ depth. All wood to be well seasoned free from faults knots and cracks.

Doors & Windows 13

Doors and windows to be provided as per plan complete with bolts, locks & shutters to be hung on strap hinges. Both door and window frames and shutters to be of Venpai. The exposed parts to receive coat of varnish fitted with Iron bars $\frac{3}{4}"$ square.

14. Square. The windows of lock up to be
fixed $\frac{1}{2}$ a part from centre to centre.
15. Stone pillars to be provided Stone pillars
for support of Verandahs to be let 1'
into the basement wall.

16. Rough stone to be obtained Materials
from Thistnapuram hill a distance
of $\frac{1}{2}$ miles. Lime from Sedungamthur
cut stone from Thistnapuram hill
Bricks from Morapanadur 4 miles.

17. A small cut stone Vent-
lator of the pattern shown in the
plan to be fixed in rear wall of
station house.

18. All rejected materials
to be at once removed on completion
of work. all rubbish accumulated
during its execution to be removed
and place properly cleaned up.

J. W. Randall
District Engineer, Tinnevely

711
Specification Report to accompany
the Estimate No. of 1875-76 for construct-
ing Police Huts for 3 Constables and one
Head Constable at Sedalaparanallur in the
Tinnevely Taluk of the Tinnevely District.

1. Amount of Estimate Rupees 1,240.
2. Estimate is now prepared according
to the standard Plan accompanying the
G. O. No. 462 dated 24th February 1874.

3. Rubble in mortar. The stones col-
lected for the foundation of Pillars to
be of uniform size and as rectangular
as possible so that the joints may be fit-
ted closely with mortar.

4. Bricks in mortar. The superstruc-
ture of Pillars to consist of sand and
well burnt bricks of Government size
in mortar, prepared in proportion of 1
of lime to $\frac{1}{2}$ of sifted river sand well
mixed and ground together.

5. Mudwork. The foundation, base-
ment and superstructure of walls be-
tween Pillars to be of hard soil excavated,
mixed with water, well tempered left
one or 2 days and then used.

6. Mud Plastering. The walls to
be plastered with a mixture of clay -
sand and cow dung, not less than $\frac{1}{3}$ of
the whole mixture being cow dung. This to
be applied to the walls and rubbed
smooth

smooth. After drying, a thick coat of white wash should be laid over.

7. Flooring. To consist of broken bricks and gravel 3" deep well watered and tamped and smeared over with clay.
8. Roofing. The Roof to be of jungle wood couples with single collar piece, bambos reapers, nails, pan tiles and chumam borders to ridges and eaves complete. The couples should be of sound wood. The tiles to be laid with $\frac{2}{3}$ overlap of the length. The ridges to be made water tight with mortar and chumam borders to be laid to run round the edges and eaves.
9. Woodwork. To be good country wood well seasoned and free from knots and other defects clear wrought and finished and to be of the scantings provided with the Estimate.
10. Doors. Frames to doors and windows to be made of wood above mentioned and the shutters of mango planks. The doors to be fitted with hooks, hinges and bolts &c.
11. All the lime used on the work to be slaked after delivery on the spot.
12. All rejected materials whether stone, bricks, lime kuppy &c if not at once removed by the individual contracting

contracting for the same well be carted away at his cost.

District Engineer's Office
Belgaum State
18th October 1875

J. D. Keane
Offg. Dist. Engineer
Belgaum

Recd 604.

Vol 11 + 1125 76.

Universally District

Universally Index

Detailed Abstract
References for conducting
Police duties for 3
months and one
year's conduct at
Sarkapourwallah.

Report 1240 - "

Fund. Provincial
 Chap. Original Works
 Head Civil Buildings
 (Provincial Service)
 Sub-head Police Department
 Section III Huts.

No 15
 17-10

Trincomalee District
 Trincomalee Taluk.

Detailed & abstract Estd.
 for Constructing Police
 Huts at Sedapurpanallu

Rupers 1240

108: Oct 1879

Trincomalee

1076

Trincomalee District Engineer
 Camp, Trincomalee. 2nd August 1879

Trincomalee District Engineer
 Trincomalee

Chief Engineer,
 for Roads and Buildings Branch
 Madras

Encls: 5

Estimates
 like Huts.

I have the honor to submit for
 sanction and inclusion in the next Budget
 the undermentioned Estimates for Police
 Buildings amounting together to Rs 2,760
 2. These works are to be in accordance
 with the standard designs, are approved
 by the Inspector General of Police and
 were entered in my draft Budget for 1879-
 80, but were not sanctioned by Govt.

3. The Buildings are to be built on Govern-
 ment waste land and therefore no com-
 pensation is required, but in the case
 of Panoor Station House provision was made
 for compensation as I supposed it was to be
 built on private land, it now appears that
 it also is to be built on Government waste
 land.

I have not altered the estimate as it
 was approved by the Inspector General in
 its present state.

Station House at Panoor — Rs 870
 at Sedapurpanallu — Rs 850
 4 Huts at Sedapurpanallu — Rs 1240.

I have the honor to be
 Yours most obedient servant
 L.D. Gray
 Chief Engineer

From
The District Engineer
Tinnevely.

To
The Chief Engineer
L. P. M.
Hudson

No. *76*
1. Estimate for S. ...
1. Estimate for S. ...
1. Specification of ...
2. ... to the S. ...
Dated *24th August 187*

No. of Enclosures.

* 3d Ed. bound to the 8 Ed. & Turin
recd. 1880 8/11/78.
Plans given to W. J. J. J.

Police Buildings.

Submit certain Estimates for Sanction.

Rate in the S. S. for 1882
plain rate 40¢ S. S.
wine & will then
all blank lately transferred
to new

PROCEEDINGS OF THE MADRAS GOVERNMENT.

UNDER date the 8th Dec 1977.

Read the following :—

From the District Eng. Sinnerelly (N. C. N^o 76 dated 24th August 1877).

His Excellency the Governor in Council sanctions the estimates for the undermen-
tioned Police Works in the
Sinnerelly District.

1. Station House at Pannor Rs. 870.
 2. — do — at Sedanganulloor Rs. 850.
 3. 4 Huts at Seedarparjurnal.
- do ————— Rs. 12 1/2 0

The Inspector General
of Police will suggest proposals
for providing funds. W.H.

This sanction has been
registered as Provincial and

Dec 13-10-77

500. Linnæus
500. P. A. A.
600. G. of Police

~~30~~ 30

numbered as follows:-

Est. A 840-1000 } Bop
do 850-1100 }
do 1240-1300 } 1877-78.

Ch. 8309

Subt. of 1877 Hydrabad.
PUBLIC WORKS.

To

L. E. Tammachetty

Dated

Issued

Recd.

Recd.

G. O. 8 Oct 1877, No. 918 W

Nos. 79-80

Police Works in Simsbury
Or sanction submitted
for certain — the Inspector
General suggested proposal
for providing funds.

L. E. Tammachetty
15-10-77.