

(1) Number of pages 26
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TAMIL NADU ARCHIVES

GOVERNMENT OF TAMIL NADU

P. W. DEPARTMENT

G.O. No.	2810 W	Press.
B.P. No.		Mis.
Dated	8-7-1878	197.

Not to be folded or roughly handled

2810

GOVERNMENT OF MADRAS.
PUBLIC WORKS DEPARTMENT.

8th July 1878, No. 2,810 W.

Buildings and Roads.
Civil Works.

Read the following papers:—

No. 103. Endorsement of the Chief Secretary to Government, Judicial Department, dated Ootacamund, 2nd July 1878, No. 1,150.

From Major J. PENNYCUICK, R.E., District Engineer, Salem, to the Secretary to Government, Public Works Department, dated Salem, 21st March 1878, No. 239 S.L.

I HAVE the honor to submit for the sanction of Government two estimates amounting to Rupees 1,868, for the station-houses noted in the margin.* The estimates have been approved and countersigned by the Inspector-General of Police.

Two plans.	Two specifications.	
Two estimates.	Two site plans.	
		Estimate.
		Rs.
* 1. Namkul cusbah station-house	...	1,210
1. Kaveripatnam do. do.	...	658
	Total ...	1,868

2. The site for the Namkul station-house is waste land and that for the Kaveripatnam station-house was purchased and made over to the Police by the villagers.

No. 103-A. From the same Officer, dated Shevaroy Hills, 11th June 1878, No. 79 S.L.

With reference to your memorandum No. 1,575, dated 28th March 1878, I have the honor to submit for the sanction of Government estimates for the works described below revised as per instructions therein contained:—

1. Constructing Police station-house at Namkul	...	...	Rs. 1,160
2. Do. do. do. at Kaveripatnam	...	...	920

REFERRED to the Judicial Department for approval of the proposed works. The plans and estimates have been examined in the Public Works Department and will be formally sanctioned when returned approved.

OOTACAMUND,
1st July 1878.

(Signed) E. A. FOORD, Colonel, R.E.,
Secy. to Govt., P.W.D.

THE plans and estimates are approved and returned to the Public Works Department for disposal.

(Signed) D. F. CARMICHAEL,
Chief Secretary.

No. 104. ORDER THEREON, 8th July 1878, No. 2,810 W.

PLANS and estimates for the following works, to be executed when funds are available, are sanctioned:—

			Register	
			ns.	No.
* As corrected in the Chief Engineer's Office.	1. Police station-house at Namkul	...	1,170*	53 B of 1878-79.
	2. Do. do. at Kaveripatnam	...	930*	54 B of 1878-79.
	Total	...	2,100	

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

(True Extract.)

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

(True Copy.)

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

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

Exd. T. D. Ryan,
Spare Copies



BUILDINGS AND ROADS.
CIVIL WORKS.

Gobt. of (1878) Madras.
PUBLIC WORKS.

To

THE DISTRICT ENGINEER,
SALEM,
&c. &c. &c.

Dated July 8th.

Issued

Recd.

Encl.

G. O., 8th July 1878, No. 2,810 W.

JULY.

No. 103-104.

Police Station-houses at Nankul and
Kaveripatnam, Salem.—The plans and esti-
mates for —, sanctioned.

310/17

Specification Report to accompany
Plan and Estimate for constructing a Police
Station House at Kaveripatnam in the
Kistnagherry Taluk.

Amount of Estimate Rs. 620

Excavation

The excavation for foundation to be
taken out to such a depth as the Exec.
Engineer may determine, not exceeding
3 feet for the main and cross walls and
Verandah. The bottom to be taken out
perfectly level and superfluous excavating
at the side to be filled in again and
well rammed.

Foundation

Foundation wall to be stone in
Chunam, flat Burnt stones to be used
and care to be taken that bond stones
are used at proper intervals, the stones
to be carefully packed and interspersed
filled with small stone and lime mortar,
the mortar to consist of 2 of sand to 1 of
Chunam.

To

To be of the best brick Gout: (Bacon & Co
size) in Chumam 3 parts of sand ^{Exposure}
to two of fresh and well burnt lime
slaked on the work. The bricks to
be soaked in water before being used
and the English bond to be observed
throughout.

The Arches to be neatly turned (Arches
and selected, hard bricks only are to
be used, joints all to radiate correctly
according to the nature of the arch joints
not to exceed $\frac{1}{4}$ inch in thickness and
to be scraped out before being used.

Bucks to have a proper bearing, corner
not less than 4 inches and set with
strong lime.

The joints to be scraped out Plaster
and walls both inside and outside
will be plastered with two coats of
Chumam, 1st Coat to consist of 1 part of
lime to $\frac{1}{2}$ of fine sand well ground
together and the second coat to be of
3 parts of lime to 1 of white sand well
smoothed off.

The

The basement to be well filled
in with earth well watered and
rammed till thoroughly consolidated,
Over this a flooring of 8" square bricks
 $\frac{3}{4}$ " thick laid on bed of brick jelly
3" thick. The joints afterwards to be
scraped out to a depth of $\frac{3}{4}$ " and point-
ed with strong lime putty joints not
to exceed $\frac{1}{4}$ inch in thickness. Flooring of
the Dock up ^{to the level of the water} by asphaltum $\frac{1}{4}$ " or $\frac{1}{2}$ " thick.
The whole of the timber to
be of well seasoned and sound teak
wood free from all shakes and knots
and neatly finished off.

To be with bricks on edge
3" of jelly 3 courses of flat tiles and
3 coats of Chumam plaster well rubbed
and smoothed supported on joints
placed $\frac{1}{2}$ feet apart from center to center
resting on wall plates 6" x 2".

The Open buck work shall be
1" wide. It shall be built with flat
tiles (6" x 6" x $\frac{1}{2}$ ") sound and well burnt.
The joints shall be cemented together
with

with Mortar consisting of one part of
fresh and newly burnt stone lime slaked
on the work incorporated with $1\frac{1}{2}$ parts
of clean coarse river sand. The mortar
shall be ground under a mill. The
walls shall be plastered with 2 coats
of Chumam.

1 Teakwood door $\frac{1}{2}$ pannelled and
 $\frac{1}{2}$ Iron barred door with ^{cross grating bars} hinges frames
and Iron fittings 6×3 including painting
complete to be provided and fixed in
the position shown in the plan.

One pair of Iron barred windows
with shutters, frames, hinges, iron fittings
complete 3×4 to be provided
and fixed in the position shown in the
plan.

For all dimensions and further
details see plan.

District Engineer
10 May April 1878

Robert R. L.
District Engineer

Major
Supt of Police

Public Works Dept.

Salem District

Cooper Range

History & Survey

1876-1877

Dated 10th May
Despatched 1878.

Specification Report

to accompany the Estimate

for constructing Police Station

House at Tavanipattanam

Amount of Estimate Rs. 1000

2810/6

Specification Report to accompany

Plan and Estimate for constructing Police

Station House at Tavanipattanam

Amount of Estimate Rs. 1210-11-0

Excavation

The excavation for foundation to be

taken out to such a depth as the ex-

-cutive Engineer may determine not

exceeding 3 feet for the main, and cross

wall and verandah. The bottom to be

taken out perfectly level, any superfluous

excavation at the side to be filled in

again and well rammed.

Foundation

Will be of stone in chunam flat

stones to be used & care to be taken that

bond stones are used at proper intervals

the stones to be carefully packed and

interstices filled with small stone

lime mortar the mortar to consist of

2 of sand to 1 of lime.

Basement & superstructure. To be of the best brick

(Government size) in chunam 3 parts of

sand to two of fresh and well burnt lime

slaked on the work. The bricks to be

soaked in water before being used and

the

the English bond to be observed through out.

Arches. The arches to be neatly turned and selected hard bricks only are to be used joints all to radiate correctly according to the nature of the arch joints not to exceed $\frac{1}{4}$ inch in thickness and to be scraped out before being ^{plastered} ~~and set~~ cornice. Bricks to have a proper bearing not less than $\frac{1}{4}$ inches and set with strong lime.

Plastering. The joints to be scraped out and walls both inside and outside will be plastered with two coats of Chunan 1st Coat to consist of one part of lime to $1\frac{1}{2}$ of river sand well ground together and the 2nd Coat to be of 3 parts of lime to one of white sand well smoothed off.

Flooring. The basement to be well filled in with earth well watered and rammed till thoroughly consolidated over this a flooring of 8" square bricks $\frac{3}{4}$ " thick laid on a bed of brick jelly 3" thick. The joints afterwards to

to be scraped out to a depth of $\frac{3}{4}$ and ^{$\frac{1}{8}$ "} pointed with strong lime putty joints not to exceed $\frac{1}{2}$ inch in thickness. The ^{flooring} ~~floor~~ should be asphalted with $\frac{1}{2}$ " thickness laid on $\frac{1}{2}$ " concrete. The whole of the timber to be of well seasoned and sound teak wood free from all shakes and knots and neatly finished off.

Roofing. To be with brick on edge 3" of brick jelly 3 Courses of flat tiles and 3 Coats of Chunan plaster well rubbed and smoothed supported on joists placed $1\frac{1}{2}$ feet apart from Centre to Centre resting on wall plates 6x2.

and brick work. The open brick work shall be 1' wide. It shall be built with flat tiles (6" x 6" x $\frac{5}{8}$ ") sound and well burnt. The joints shall be cemented together with mortar consisting of one part of fresh & newly burnt stone lime slaked on the work incorporated with $1\frac{1}{2}$ parts of clean coarse river sand. The mortar shall be ground under a mill.

The bricks shall be plastered with 3 Coats of Chunan

1 Pair Teak wood ^{door} ~~door~~ ^{cross} ~~cross~~ ^{straining bar} ~~straining bar~~ and $\frac{2}{3}$ Iron barred doors with hinges frames & Iron fittings ^{per} (6x4) including painting complete to be

be provided and fixed in the position
shown in the plan.

Windows. One pair of Iron barred windows
with shutters, frames, hinges, iron fittings
&c complete (3'x4') to be provided and fixed
in the position shown in the plan.

For all dimensions and further
details see plan.

Plain Range Office

24th Novem ber 1876
Camp Sundrydroog

R. M. An

Executive Engineer

Thompson

W. H. Dodge Major
Superintendent of Calne

Major P. E.
District Engineer

— D. W. D. —
Salem District.
Salem Range
Kankul Salug

Schedule No. 3 May
 Dated 3 April 1878.

Specification Report
 to accompany the Estimate
 for Constructing Police Station
 Houses at Kankul.

Amount of Estimate Rs. 1160.

No. 239 SB

District Engineer's Office,
 Salem 2nd March 1878.

From
 The District Engineer,
 Salem.

To
 The Secretary to Government,
 D. S. W.

Enclosures & Ser
 2 Plans
 2 Estimates
 2 Specifications
 2 side plans

I have the honor to submit for
 the sanction of Government two esti-
 mates amounting to Rs. 1160 for the
 station houses noted in the margin.
 The estimates have been approved and
 countersigned by the Inspector General
 of Police.

2. The site for the Kankul Station
 House is waste land, & that for the
 Kavaripattanam station house was
 purchased and made over to the
 Police by the villagers.

I have the honor to be,
 Sir,
 your most obedient servant.

P. B. S. I. Major, R.E.,
 District Engineer,
 District Engineer, Salem.

per Kankul, Kankul Station House Est. No. 1160
 1, Kankul Station House — do — Rs. 600
 1, Kankul Station House — do — Rs. 560

From
The District Engineer,
Salem.

To
The Secretary to Government,
D. P. W.

Dated 21st March 1878
Recd.

No. 239 SL

Enc. 1.

Submitting for sanction
2 estimates amounting
to Rs. 1868 for the station
houses noted within.

T. B. F. W.

In file 1261/78

No. 19 SL District Engineer's Office,
Sewaroy Hills 11 June 1878.

From

The District Engineer,
Salem.

Sir,
The Chief Engineer,
D. P. W.

Enclosures 8 With reference to your Memorandum
2 Plans No. 1575 dated 28th March 1878, I have
2 Site Plans the honor to submit for the sanction
2 Estimates of Government, estimates for the works
2 Specifications described below revised as per instructions
therein contained.

1. Constructing Police Station
house at Namkul. Rs. 1160
2. Constructing Police Station
house at Kaveripattanam. Rs. 920.

I have the honor to be,
Sir,

Your most obed^t servant,
Major R. R.,
District Engineer, Salem.

CEho 15758/28 March 78
C.A. 2880-1-7-78

188 Ref
12/6/5
From
The District Engineer,
Salem.

To
The Chief Engineer,
S. M.

Dated 11th
Recd. } June 1878

N^o 79 Lb
Enc. 8

Submitting for the sanction
of Government estimate
for constructing Police
station houses at Namthun
and Kavaripatam.

To Cnty 28-6-78 N^o 10-7-78

Cir 4-7-78

N^o 2880

Letters from the District Engineer
Salem N^{os} 239 S.L. of 21st March and
79 S.L. of 11th June 1878.

Referred to the Judicial
Department for approval of ^{the} proposed
works. The plans and estimates have
been examined in the Public Works
Department, and will be formally
sanctioned when returned approved.

Ootacamund }
1st July 1878 }

J. W. D.
EA Mrd Colonel R. E.
Secy to Govt. P. W. D.

To
The Judicial Department
with 10 enclosures

R. J.
L. J. D.

N. 1150.

His plans & estimates are approved, and
submitted to the Public Works Department
for disposal.

Commandant
2nd July 1878

G. H. Hamilton
Chief Secretary

Referring to the plan
of Engineer Station, including
for construction 2 estimates
amounting to Rs. 1868 for
construction station house.

With Engrs. Office.

17/6/78

No. 2582.

22/7/78
Recd 20/8 July/78

From
his Secretary to Govt.
Public Works Dept.

Indiv. (1878) 23/7/78
(Police Building)

Cir 4.7.78 Recd 8.7.78
O. H. Steel: 92/100

PROCEEDINGS OF THE MADRAS GOVERNMENT.

Under date the

Read the following:—

No 2810 W

39 R
Public Works Department.

From the Dist. Engrs. Salem (H.C. No 239 Sd. of 21st March/78)

The Judicial Department (H.C. No 1150 of 3rd July 1878)

Plans and estimates
for the following works, to
be executed when funds
are available, are sanctioned.

1. Police Station House at Namkul — Rs. 1170
2. — — — — — Kaveripattanam — Rs. 930
Rs. 2100

Page No 53 B of 1878/79

do No 54 B of 1878/79

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

He reports to the Judicial Dept.

Dist. Engrs. Salem

Examiner P. W. Accts. H. to 2 Estimates

Inspector Genl. of Police

Judicial Department

22/7-7-78

** Approved in the
Chief Engineer's Office

To acty 28-5-78 1. 10-7-78
Cir 4-7-78 Dis 8-7-78

3621/4 *668*
Sect. of (1878) Madras.
PUBLIC WORKS.

To

Dated

M. L. Salem

Forwarded

Recd.

Encl.

G. O., 8th July 1878, No. 281015

No. 13

Police Station Houses at Namkal
+ Kaveripattam, Salem

The estimates
for reconstruction

S. B. Ragh