

GOVERNMENT OF MADRAS.
PUBLIC WORKS DEPARTMENT.

4th January 1878, No. 27 W.

Buildings and Roads.
Civil Works.

Read the following papers :—

No. 50. From Lieutenant-Colonel H. L. PRENDERGAST, R.E., District Engineer, North Arcot, to the Chief Engineer, Buildings and Roads, dated Vellore, 22nd October 1877, No. 2,488.

I HAVE the honor to submit, for the sanction of Government, plans and estimates of Rupees 1,000 and 840, for constructing Police Station-houses at Thavalampett and Pennalur.

Two Plans.
" Detailed Estimates.
" Abstract do.
One Specification Report.

2. The estimates have been prepared and are submitted at the request of the

Superintendent of Police, but funds have not as yet been provided.

3. I request that the enclosures may be returned when no longer required.

No. 50-A. From the same Officer, dated Vellore, 21st December 1877, No. 3,479.

WITH reference to your memorandum No. 4,358, dated 7th instant, I have the honor to return the plans and estimates

Two Plans.
" Detailed Estimates.
" Abstract do.
One Specification Report.

for constructing Police Station-houses at Thavalampett and Pennalur, with the corrections made in red ink.

No. 51. ORDER THEREON, 4th January 1878, No. 27 W.

THE plans and estimates for the undermentioned Police buildings in the North Arcot District are sanctioned :—

Police Station-house at Pennalur Rs. 820, Register No. 251 B of 1877-78.
" " at Thavalampett " 870, " " 252 B of "

Total Rs. 1,690

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

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

(True Extract.)

Colonel, R.E.,
Secretary to Government, P.W.D.

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

Exd. S. T. Austin.

Spare Copies

BUILDINGS AND ROADS.
CIVIL WORKS.

Est. of (1878) *Madras*.

PUBLIC WORKS.

THE DISTRICT ENGINEER,
NORTH ARCOT,
&c., &c., &c.

Dated January 4th.

Issued

Recd.

Incl.

G. O., 4th January 1878, No. 27 W.

JANUARY.

No. 50-51.

Police Station in the North Arcot District.
Civil—Estimate plan and estimate
G.O. 12/1/78.

DISTRICT NORTH ARCOT.

Taluk *Chendraghery (Kulasingam)*

DETAILED ESTIMATE No. 54 OF 1877-78

Head of Service

Provincial

Fund

Ordinary

Class

Original

Main Head

Police Department

Sub-Head

Stations

Name of work

Constructing Police Station House at Punalur Town

Amount of Estimate Rupees

Rs 0

To be carried out

Departmentally

Description of work.	No.	Measurements.			Contents.
		L.	B.	D.	
<i>Foundation</i>					
<i>Plank and Rear walls</i>	1	54	92	60	410 — 7 1/2
<i>Partition and Front walls</i>	1	21	32	33	143 — 5 1/4
<i>Verandah</i>	1	21	92	33	201 — 4 1/2
<i>Total ft. of Rough Stone masonry</i>					754 — 7 1/2
<i>Basement</i>					
<i>Plank and Rear walls</i>	1	54	32	16	162 — 9
<i>Partition and Front walls</i>	1	21	91	91	57 — 1 1/8
<i>Verandah</i>	1	25	31	91	61 — 8 1/2
<i>Superstructure</i>					
<i>Plank and Rear walls</i>	1	53	91	69	725 — 7 1/2
<i>Partition and Front walls</i>	1	22	31	29	240 — 3 1/2
<i>Pillars including Capitals</i>	3	10 1/2	10 1/2	8	18 — 4 1/2
<i>Carried over</i>					1275 — 10 1/2

Verandah flank walls	2	7	9	3	6	26	5
D. Gate and side pillars	6	9	9	2	6	5	5/2
Pelasters of Parapet above terrace	8	1	1	1	6	12	—
Wall of Ventilation above terrace with upright walls	1	20	—	—	6	5	—
Total C. feet						27	4 1/2
Deduction							
1 - Door 3x1 1/2 x 6 = 22	6						
1 - Window 3x1 1/4 x 4 = 15	—						
1 - D. 3x1 1/2 x 4 = 18	—						
1 - Flat arch 4x1 1/4 x 1 1/2 = 7	6						
1 - D. 4x1 1/4 x 1 1/2 = 7	6						
1 - D. 4x1 1/2 x 1 1/2 = 9	—						
Total f. ft of Deduction						81	6
Remaining f. ft of Brick in mortar						1248	5 1/2
Flat arch as per Deduction						24	—
Flooring							
Small room (Prisoners)	1	14	7	—	—	98	—
Total Sq. ft of flooring						98	—
Hall	11	6	14	3	—	163	10 1/2
Verandah	19	9	6	3	—	153	5 1/2
Total sq. ft of flooring						257	3 3/4
Plastering							
Small room	42	9	—	—	—	373	—
Hall	42	6	9	—	—	382	6
Outside all round with front wall	68	9	—	—	—	612	—
Pillars	12	—	8	—	—	96	—
Flank walls	14	—	5	—	—	70	—
Gate and side pillars	4	6	6	—	—	27	—
Pelasters at top	32	—	—	—	—	64	—
Basement	28	—	—	—	—	87	4 1/2
D. Verandah	39	—	31	—	—	39	3
Ventilation with terrace with uprights	29	—	6	—	—	14	6
Side and top of doorway	15	—	1	3	—	18	9
D. Window	15	—	1	3	—	18	9
D. D. D.	15	—	1	3	—	22	6
Total sq. ft of						1007	7 1/2

Deduction

Door 2x3x6 = 36

Window 4x3x4 = 48

Total Deduction Sq. feet

Remaining Sq. feet of Plastering

Terrace Roofing	22	9	16	—	564	—
Main Building	22	9	8	6	193	4 1/2
Verandah	7	—	4	—	28	—
Ventilation					685	4 1/2
Total Sq. ft					1	—

Deduct for Ventilation holes

Remaining Sq. ft of terrace roofing

Groin

around the main building

Verandah

Total R. ft of Groin work

Honey Comb or Ornamental work

Parapet in front

Main building above terrace

Front Verandah D.

Ventilation

Verandah Flank

Total S. ft of Honey Comb work with Groin

Lute Stone

Lead for Hall

D. for gateway

D. for Step

Total f. ft of Lute Stone

Woodwork

Joists for Room

D. Hall

D. Verandah

Wall plate

D. to Verandah

Lintel wood for Hall

Breastsummer

Total f. ft of Lute Wood

Door

Buttress & Iron railings combined

Total Sq. ft of Door

Windows

Iron railings and teakwood shutters

Total Sq. ft of Windows

Wood Ail.

Joists Room

D. Verandah

D. allain building (Hall)

Lintel

Preparations

Windows

Door

Total Sq. ft of Wood Ail.

Carthwork

allain building

Verandah

Filling basements

Verandah

Total f. ft of Carthwork

New Works

Provincial Service Civil Engineering

Detailed estimate No. of 1874/75

North Arcot District

No. 1 or Wallajah Road

Karvayachogoram Gominclany

Work. Constructing a Police Station House & Shavala in f. ft.

Particulars

Measurement
C B D Contents

Foundation to flank and rear wall 54 3/4 2 1/2 3 110 5/8
do Partition and front wall 21 1/4 2 1/4 3 143 7/8
do Verandah 36 3/4 2 1/4 3 244 1/8

Total f. ft of Rough stone in mortar

Plaster to flank and rear wall 54 3/4 2 1/2 1 1/2 162 3/4
do Partition & front wall 21 3/4 1 3/4 1 1/2 57 3/8
do Verandah 36 3/4 1 3/4 1 1/2 64 1/8

Superstructure

Flank and rear wall 53 3/4 1 1/2 9 725 7/8
Partition and front wall 20 3/4 1 1/4 9 260 5/8
Pillars 3 7/8 8 21
Verandah flank walls 14 3/4 2 1/2 26 1/2
Gate and side pillars 1 1/2 3/4 2 1/2 8 7/8
Pilasters of Parapet along terrace 8 1 1 1/2 12
Wall for ventilators along terrace with upright walls 3 19 1/2 1/2 1/2 4 7/8

Total cubic feet of brick in mortar 1330 7/8

Carried over 1330 7/8

Brought forward 1830

Deduct for door	3	1 1/4	6	22 1/2
do windows	3	1 1/4	4	15
do for Chamber arches	8	1 1/4	1 1/2	15
do for	4	1 1/2	1 1/2	9
do for way	4	1	1 1/2	2

Total Deduction (all in feet) 51 1/2
 Total (all in feet) of brick & mortar 1249 1/8

Chamber arches around door & windows	8	1 1/4	1 1/2	15
	4	1 1/2	1 1/2	9

Flooring to small rooms Total 24 feet of arch work 24

Total 24 feet of flooring with asphalt 14 7
 3/4 inch thick on a leveling course of 1 1/2

Flooring to Hall	11 1/2	1 1/4	1 1/2	16 1/2
do Verandah	19 3/4	6 1/4		100 1/2

Total 24 feet of flooring with brick pavers in mortar 35 1/2

Plastering

Room	40	9		37 1/2
Hall	10 1/2	9		61 1/2
Outside walls round with front walls	68	9		76
Pillars	12	8		70
Staircase walls	14	5		27
Plaster arch side pillars	11 1/2	6		42
Pilasters at top	2 1/2	1 1/4		8 1/2
Basement	58 1/2	1 1/2		39 1/2
do Verandah	39 1/4	1		

1 grain

Brought forward 1734 1/2

Plinth 22 1/2
 Venetian walls. around terrace with uprights 255 1/2

Total (all in feet) 1757 1/8

Deduct for door & windows	3	6	78 1/2
	6	4	24

Total Deduction 113

Net (all in feet) of plastering 1715 1/8

Roofing

Verandah to main building	22 3/4	16		348
do Verandah	21 3/4	8 1/2		193 3/8
do Ventilation	6	2 3/4		16 1/2

Total (all in feet) 548 1/8

Deduct for Venetian holes 1

Total (all in feet) of Roofing with Terraces 547 1/8

Carving

Around the main building				56 3/4
Verandah				39 1/4

Total (all in feet) of Carving work 96 1/4

Stone work or Ornamental work

Parapet in front	15	2 1/2		37 1/2
do Main building above terrace	48 1/4	1 1/2		73 1/8
do front verandah above	34 1/4	1 1/2		51 3/8
Ventilator	10 1/4	1/2		5 1/8
Verandah flanks	14	6 1/4		87 1/2

Total (all in feet) of Heavy work with masonry work 254 5/8

Stone head for Hall	12	1	1 1/2	6
do for gateway	4	1	1 1/2	2
do for top	10	1	1 1/2	5

Total (all in feet) of cut stone 13

Buildings and Roads

From District Engineer
North Arcot

No. 2488.

Dated 22 October/77

No. of Enclosures: Seven
& Returned to the D.E.
Police Station houses at
Devalampett & Punalur
Chundray Sivasulu

Submitting plans & etc
for constructing

Buildings and Roads

No. 3479

NORTH ARCOT,

District Engineer's Office,

22 October 1877.

FROM

THE DISTRICT ENGINEER,

NORTH ARCOT.

TO

The Chief Engineer

Public Works Department

Madras

Sir,

With reference to your Memo No. 4338 dated 7th instant, I have the honor to return the plans and estimates for constructing Police Station houses at Devalampett and Punalur, with the corrections made in red ink.

Enclosures:

2 Plans

2 Estimates

2nd & 3rd For

Devalampett

Punalur

I have the honor to be,

Sir,

Your most obedient servant,

Chundray Sivasulu

District Engineer, North Arcot.

Buildings and

From

The District Engineer,

North Arc

Dated 21st Dec 1895

No. 3479

ENCLOSURE

1. Plans of the
Police Station
— Return of
the estimated cost of
the proposed work
in the Police Station

Can 2-1-78

24th Dec Public Works Department

PROCEEDINGS OF THE MADRAS GOVERNMENT.

Under date the 4th Jan 1895

Read the following:—

From
The District Engineer
to the Public Works Department
No. 3479 of 21st Dec 95

The works and materials
for the undermentioned
Police Station in the
North Arc District are
sanctioned.

The Public Works Department
to the District Engineer
No. 3479 of 21st Dec 95
Sanctioned

The works will be
carried out from the
provision in the
works to be made in the
Public Works Department
for the year 1895-96.

The District Engineer
to the Public Works Department
No. 3479 of 21st Dec 95
Sanctioned

No. L. No. 4338 of 7-12-77

has been registered as
Provincial and num-
bered as shown above.

Specification Report to accompany
an estimate for constructing a Police
Station at Primalur. Madras and
Division Madras Range North West.
Estimate Rs. 540

1st The Foundations are to be of rough
stone in Chumam 3' deep, the soil and
sub-soil is hard gravel.

2nd The Basement and Superstructure
to be of Brick in Chumam. 2 parts of
sand free from saline matter and 1 part of
sand. Bricks to be well burnt and free
from flaws. The walls to be plastered
and inside with 2 coats of Chumam.

3rd The floor of the Prisoner's room will be
of brick jelly $\frac{3}{4}$ " thick covered with $\frac{3}{4}$ " as-
phalte. The floors of the Hall and Ver-
anda to be of Brick jelly.

4th The roof to be terraced. Ventilators
to be placed in one corner of the Hall
and Prisoner's room.

5. The whole building to have an Orna-
mental parapet wall above.

6. The ends of the Verandah will be in
Kieney Combil and an Ornamental
parapet placed in front as shown in
the plan & elevation.

7. The door of the Prisoner's room is
to be barred above & batten & iron
barrier

Railing continued below.

8° The windows have iron gratings
and batten shutters.

9° The steps to be of stone.

10° The materials to be of the best
procureable.

11° The estimate provides for every
thing that is required, and no supple-
mentary work will be necessary.

R. S. Macintyre

Lieut R. S.

Apist Engineer Wallajah Road.

W. S. Macintyre

Lt. Colonel R. S.

District Engineer South Coast

27

W. Neal

PUBLIC WORKS.

Dec. 10. 6. a Little frost

3. 3. 3.

11

11. 2. 2019

1. 2

G. O. 4 Jan 1782 27 W

1163.

Police Buildings in the
North West Dr. - Bucken
plan, estimated for
costs in -----

Edw. M. Kelly