Archives I -10,006—16-8 77.

(1) Number of pages 22

(2) Date of repair 7-10-86

(3) Initials of the Referencer [illegible]

TAMIL NADU ARCHIVES

GOVERNMENT OF TAMIL NADU

Publicworks DEPARTMENT

G.O. No. 27(W) Press.
~~B.P. No.~~ ~~Mis.~~

Dated 4-1-1878 ~~197~~.

277

Not to be folded or roughly handled

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

27/1

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.

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

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.

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.

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

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

Govt. of (1878) Madras.

PUBLIC WORKS.

To

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

Dated January 4th.

Issued

Recd. Encl.

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

JANUARY.
Nos. 50-51.

Police Buildings in the North Arcot District.—Sanctions plans and estimates for certain —.

3/1287/77

DISTRICT NORTH ARCOT.

Taluq Chendragherry (Kalastry Zemindary)

DETAILED ESTIMATE No. 84 OF 1877-78.

27/2

Head of Service Provincial

Fund Ordinary

Class Original

Main Head Police Department

Sub-Head Stations

Name of work Constructing Police Station House at Pennaler Town

Amount of Estimate Rupees 840

To be carried out Departmentally

Description of work.	No.	Measurement.			Contents.	
		L.	B.	D.		
Foundation						
Flank and Rear walls	1	54-9	2-6	3	410	7½
Partition and Front walls	1	21-3	2-3	3	143	5¼
Verandah	1	31-9	2-3	3	214	3⅝
Total C. ft. of Rough Stone in Chun					768	7½
Basement						
Flank and Rear walls	1	54-3	2	1-6	162	9
Partition and Front walls	1	21-9	1-9	1-6	57	1⅛
Verandah	1	23-3	1-9	1 -	61	⅜
Superstructure						
Flank and Rear walls	1	53-9	1-6	9 -	725	7½
Partition and Front walls	1	22-3	1-3	9 -	250	3¾
Pillars including Capitals	3	- 10½	- 10½	8	18	4½
Carried Over					1275	10⅛

			1327 — 6
Verandah flank walls	2	7 — 9 2 — 6	26 — 3
Do. Gate and Side pillars	6	— 9 — 9 2 — 6	[illegible]
Pilasters of Parapet above terrace	8	1 — 1 — 1 — 6	12 —
Wall of Ventilation above terrace with upright walls	1	20 — — 6 — 6	5 —
Total C. feet			1327 — 6 1/2

Deduction

1 - Door 3×1¼×6 = 22 — 6

1 - Windows 3×1¼×4 = 15 —

1 - Do. 3×1½×4 = 18 —

1 - Flat arch 4×1¼×1½ = 7 — 6

1 - Do. 4×1¼×1½ = 7 — 6

Do. 4×1½×1½ = 9 —

Total C. ft of Deduction			79 — 6
Remaining C. ft of Brick in Mortar			1248 — [illegible]
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	123 — 5 1/4
Total Sq ft of flooring			287 — 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 — 3	70 —
Gate and Side Pillars	4 — 6 6 —	27 —
Pilasters at top	32 — 2 —	64 —
Basement	[illegible] — 6	87 — 4 1/2
Do. Verandah	39 — 21 —	39 —
Ventilation walls over terrace with uprights	29 — — 6	14 — 6
Side and Soffit of doorway	15 — 1 — 3	18 — 9
Do. Do. Window	15 — 1 — 3	15 — 9
Do. Do. Do.	15 — 1 — 6	22 — 6
Total Sqr feet		1822 — 7 1/2

		1822 — 7 1/2

Deduction

Door 2×3×6 = 36

Windows 4×3×4 = 48

Total Deduction Sqr feet		84 —
Remaining Sq feet of Plastering		1738 — 7 1/2

Terrace Roofing

Main building	22 — 9 16 —	364 —
Verandah	22 — 9 8 — 6	193 — 4 1/2
Ventilation	7 — 4 —	28 —
Total Sq ft		585 — 4 1/2
Deduct for Ventilation holes		1 —
Remaining Sq ft of Terrace roofing		584 — 4 1/2

Cornice

Around the main building	56 — 9
Verandah	39 — 3
Total R. ft of Cornice work	96 —

Honey Comb or Ornamental work

Parapet in front	15 — 2 — 6	37 — 6
Main building above terrace	49 — 9 1 — 6	74 — 7 1/2
Front Verandah Do.	34 — 3 1 — 6	51 — 4 1/2
Ventilation	14 — — 6	7 —
Verandah Flank	14 — 6 — 3	87 — 6
Total S. ft of Honey Comb work with masonry		258

Cut Stone

Tread for Hall	12 — 1 — — 6	6 —
Do. for gateway	4 — 1 — — 6	2 —
Do. for Step	10 — 1 — — 9	7 — 6
Total C. ft of Cut Stone		15 — 6

Wood Work

Joists for Room	10	2 — 6 — 3 — 6	10 — 7 1/2
Do. Hall	10	13 — 6 — 6 — 6	22 — 6
Do. Verandah	16	8 — 6 — 3 — 5	14 — 2
Wall plate	3	15 — 6 — 6 — 3	5 — 9 3/4
Do. to Verandah		9 — 3 — 6 — 3	1 — 11 5/8
Lintel wood for Hall		13 — 6 1 — — 6	6 — 9
Bressummer		23 — 3 — 6 — 9	8 — 8 5/8
Total C. ft of Teak wood			69 — 8 3/4

Door

Batten & Iron Nailings combined	3 — 6 —	18 —
Total Sq. ft of Door		18 —

Windows					
Iron railing and Teakwood Shutters	2	3	4		24
Total Sq. ft. of Windows					24
Wood Oil					
Joists Room		70	1	3	75 87
Do. Verandah		116	1	1	[illegible]
Do. Main building (Hall		120	1	4	160
Lintel		12	2		24
Bressummer		23	2		46
Windows		12	4		48
Door		6	6		36
Total Sq. ft. of Wood Oil					511 [illegible]
Earthwork					
Main building		77	3	3	693
Verandah		36	3	3	324
Filling basement		18	14	1	252
Verandah		24	6	6	66
Total C. ft. of Earthwork					1335

ew Work

Provincial Service Civil Building

Detailed estimate No. of 1874/75

North Arcot District

No. 1 or Wallajah Range

Karvaty Nagaram Zemindary

ork. Constructing a Police Station House

t Thavalampett.

Particulars		Measurement L	B	D	Contents
undation to flank and rear wall		54 3/4	2 1/2	3	410 5/8
Do. Partition and front wall		21 1/4	2 1/4	3	143 7/16
Do. Verandah		36 1/4	2 1/4	3	244 11/16
Total C. ft. of Rough stone in Mortar					798
asement to flank and rear wall		54 1/4	2	1 1/2	162 3/4
Do. Partition & front wall		21 3/4	1 3/4	1 1/2	57 3/32
Do. Verandah		36 3/4	1 3/4	1	64 1/8
Superstructure					
lank and rear wall		53 3/4	1 1/2	9	725 5/8
rtition and front wall		22 1/4	1 1/4	9	250 5/16
Pillars		3	7/8	8	21
erandah flank walls		14	3/4	2 1/2	26 1/4
Do. gate and side pillars		4 1/2	3/4	2 1/2	8 7/16
Pilasters of Parapet above terrace		8	1	1 1/2	12
all for ventilators above 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				1350⅞
Deduct for door	3	1¼	6	22½
Do windows	3	1¼	4	15
	3	1½	4	18
Do for Camber arches	8	1¼	1½	15
Do for do	4	1½	1½	9
Do for way	4	1	½	2
Total Deduction Cubic feet				81½
Total Cubic feet of Brick in Mortar				1269⅜
Camber arch over door & windows	8	1¼	1½	15
	4	1½	1½	9
Total Cubic feet of arch work				24
Flooring to small room	14	7	"	98
Total Sqre ft of flooring with asphalt 3/4 inch thick on a levelling course of 4½ Brick jelly in Mortar				98
Flooring to Hall	11½	14¼	"	163⅞
Do Verandah	19¾	6¼	"	123⅞
Total Sqre feet of Flooring with Brick jelly in Mortar				287⅝

Plastering

Room	42	9	"	378
Hall	40½	9	"	364½
Outside wall round with front walls	68	9	"	612
Pillars	12	8	"	96
Flank walls	14	5	"	70
Gate and side pillars	4½	6	"	27
Pilasters at top	24	1¾	"	42
Basement	58¾	1½	"	87⅞
Do Verandah	39¼	1	"	39¼

Carried over

Brought forward				1734½
Plinth	22	½	"	11
Venetian walls over terrace with uprights	25	½	"	12½
Total Sqre feet				1757⅞

1883 -

Deduct for door & Windows both sides	3	6	36 18
	6	4	48 24
Total Deduction			42
Net Sqre feet of plastering			1715⅝

Roofing

Terrace to main building	22¾	16	"	348
Do Verandah	21¾	8½	"	193⅜
Do Ventilation	6	2¾	"	16½
Total Sqre feet				549⅜
Deduct for Venetian holes				1
Total Sqre feet of Roofing with Terrace				548⅜

Cornice

Around the main building	56¾
Verandah	39¼
Total Running feet of Cornice work	96

Honey comb or Ornamental work

Parapet in front	15	2½	"	37½
Do main building above terrace	48¾	1½	"	73⅛
Do front verandah above	34¼	1½	"	51⅜
Ventilator	10¼	½	"	5⅛
Verandah flank	14	6¼	"	87½
Total Sqre feet of Honey Comb with masonry work				254⅝
Stone tread for Hall	12	1	½	6
Do for gate way	4	1	½	2
Do Step	10	1	½	5
Total Cubic feet of cut stone				13

Woodwork

Joists for room	85	1/3	1/2	14 1/6
Do for hall	135	1/3	1/2	22 1/2
Do for verandah	136	1/3	5/12	18 8/9
Wall plate	46 1/2	2/3	1/3	10 1/3
Do for verandah	9 1/4	2/3	1/3	2 1/18
Lintel wood for hall	13 1/2	4	1/2	27
Bressummer	23 3/4	1/2	3/4	8 29/32
Total (C. ft of woodwork				105 [illegible]

Door

Batten and Iron railings Combined	3	6	"	18
Total Sqr. feet of door with frames lock hinges &c complete				18
Windows with Iron railings and Wooden shutters	6	4	"	24
Total Sqr. feet of windows with frames hinges, bolts, &c complete				24

Wood oil

Joists				
Do	70	1 1/12	"	75 5/6
Do Verandah	120	1 1/3	"	160
Lintel	~~120~~ 112	1 1/12	"	121 1/3
Bressummer	12	2	"	24
Windows both sides	23	3/4	"	46 ~~47 1/4~~
Door both sides	12	4	"	48
	3	6	"	36
Total Sqr. feet of Wood oil				480 1/… 511-2

Buildings and Roads.

P 1

No. 2488

North Arcot,
District Engineer's Office,
Vellore 22d. October 1877.

From
The DISTRICT ENGINEER,
NORTH ARCOT.

27/6

To
The Chief Engineer for
Buildings and Roads
Madras.

Encl. 7
2 Plans
2 Detd. Estimates
2 Ab. do
1 Specification report.

Sir,

I have the honor to submit for the sanction of Government plans and estimates of Rupees 1000, and 840, for constructing Police Station houses at Davalampett and Pennaloor.

The estimates have been prepared and are submitted at the request of the Superintendent of Police; but funds have not as yet been provided.

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

I have the honor to be,
Sir,
Your most obedient Servant,
[illegible] Lt Col. R.E.
District Engineer N. Arcot

Buildings & Roads

No. 1053

From District Engineer
North Arcot

No. 2488.

Dated 22nd October/77

Recd 26th

No. of Enclosures Seve
+ 2 Pls
+ Returned to the D.E.

Police Station houses a
Devalampetts & Pennalor
Chendragherie Taluq—

Submitting plans & Est
for constructing —
+ D.

Buildings and Roads.

P 2

No. 3479

NORTH ARCOT,
District Engineer's Office,
Vellore 21st December 1877.

FROM
THE DISTRICT ENGINEER,
NORTH ARCOT,

TO
The Chief Engineer
Public Works Department
Madras

SIR,

Enclosures 7
2 Plans
2 Detd Estimates
2 Abs Do
1 Specification
Report

With reference to your Memo N
4358 dated 7th instant, I have the
honor to return the plans and esti
-mates for constructing Police
station houses at Devalampett an
Pennalur, with the corrections mad
in red ink.

I have the honor to be,
Sir,
Your most obedient Servant,
Chas Hendergast Lt Col R. E.,
District Engineer, North Arcot.

Buildings and

No. 13

From

The District Engineer,

North Ar

Dated 21st Decr 18

No. 3479

ENCLOSURES. 7.

+ 2 Plans & Estes sent to the D. E., reld.

2 Plans with

SUBJECT.

D. P. W. Cir 6519-12

Police Station House

— Returns plans & Estimates of — at Devalampetta & ...lur duly corrected

Recd 2-1-78

B. & R. Works

3

No. 27 W Public Works Department.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

UNDER date the 4th Jany 1878.

Read the following :—

From

The Dist Engr North Arcot (H. L. No 2480 d/22nd Oct/77.

Do - - - - - (H. L. No 3479 d/21st Decr/77.

The plans and estimates for the undermentioned Police buildings in the North Arcot District are sanctioned.

Register No 251 B of 1877/78

Police Station House at Gummalur Rs 820

Register No 252 B of 1877/78

Do Do at Devalampetta Rs 870

Total Rs 1690

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

Dist Engr North Arcot 16

Examiner with 2 Estes 15

Inspr Genl of Police 5

for all Depts 7

Dispd 11-1-78

24-12-77

C. L. No. 4358 of 7-12-77

has been registered as Provincial and numbered as shown above

---

Specification Report to accompany an Estimate for constructing a Police Station at Pimmalur. Maderpauk Division Wallajah Range North Arcot.

Estimate Rs 840

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

2d The Basement and Superstructure to be of Brick in Chunam. 2 parts fred Sand free from Saline matter and 1 part of Sand. Bricks to be well burnt and free from flaws. The walls to be plastered out and inside with 2 Coats of Chunam.

3d The floor of the Prisoner's room will be of brick Jelly $4\frac{1}{2}$" thick Covered with $\frac{3}{4}$" asphalte. The floors of the Hall and Verandah 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 Ornamental parapet wall above.

6. The ends of the Verandah will be Honey Combed and an Ornamental parapet placed in front as shown in the front Elevation.

7th The door of the Prisoner's room is iron barred above & batten & iron railing

railing Combined below.

8th - The windows have iron gratings and batten shutters.

9th - The steps to be of stone.

10th - The materials to be of the best procurable -

11th - The Estimate provides for every thing that is required and no supplementary work will be necessary.

R. S. Macwatten Lieut R.E.

Assistt Engineer Wallajah Range.

Lt. Colonel R.E.

District Engineer North Arcot

27
1010

M. 13261
10122-1
3/77

N. Arelt

27/11

C10 3266
10b32

Govt. of {1877} Madras.

PUBLIC WORKS.

To the D. C. North Arcot

7-1-78

Dated

Issued

Recd.

Encl.

G. O., 4 Jany 1878 No. 27 W

Nos.

Police Buildings in the North Arcot Dt — Sanctions plans & estimates for certain —

Entd in Regr