Archives 1—10,000—6-10-76.

(1) Number of pages 30
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(3) Initials of the Referencer

TAMIL NADU ARCHIVES

GOVERNMENT OF TAMIL NADU

Public Work DEPARTMENT

G.O. No. / B.P. No. 4655 W Press. / Mis.

Dated 7.12.1878 ~~197~~.

Not to be folded or roughly handled

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

7th December 1878, No. 4,655 W.

Buildings and Roads.
Civil Works.

Read the following paper :—

No. 77. From Lieutenant-Colonel H. L. PRENDERGAST, R.E., Officiating Superintending Engineer, North Arcot, to the Chief Engineer, Buildings and Roads, dated Vellore, 3rd September 1878, No. 2,770.

I HAVE the honor to submit, for sanction, plans, specification reports, and estimates, amounting to 1,690 Rupees, for constructing a head constable's and three constables' huts at Thimiry, Rupees 850, and a Police Station-house, Rupees 840.

2. The estimates have been approved by the Inspector-General of Police, and it is proposed that the buildings should be constructed in the official year 1879-80.

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

No. 78. ORDER THEREON, 7th December 1878, No. 4,655 W.

THE plans and estimates for the undermentioned Police buildings are sanctioned :—

	RS.	Register No.	
1. Constructing Police Station-house at Thimiry ...	840	158	B of 1878-79.
2. Do. Police huts for one head and three constables at Thimiry	850	159	
Total ...	1,690		

2. The works cannot be carried out during the current official year.

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

(True Extract.)

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

To the Superintending Engineer, Third Circle.
" Examiner of Public Works Accounts.
" Inspector-General of Police.
" Judicial Department.

Exd. C. Howarth.
Spare Copies

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of (1878) Madras.

PUBLIC WORKS.

To

The SUPERINTENDING ENGINEER,
THIRD CIRCLE,
&c., &c., &c.

Dated December 7th.

Issued

Recd. Encl.

G. O., 7th December 1878, No. 4,655 W.

DECEMBER.

Nos. 77-78.

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

Buildings

No. 2770

NORTH ARCOT,
Supg ~~District~~ Engineer's Office,
Vellore 3 Sept 1878.

FROM

THE Offg Supg. ~~DISTRICT~~ ENGINEER,
NORTH ARCOT,

TO

The Chief Engineer
Buildings and Roads
Madras

SIR,

Enclosures: 8
2 Plans
2 Det^d Estimates
2 Abstract Do
2 Specification reports

I have the honor to submit for sanction plans, specification reports and Estimates amounting to 1690 Rupees for constructing a Head Constable's and 3 Constables' huts at Thimery Rupees 850 and a Police station house Rupees 840.

The estimates have been approved by the Inspector General of Police and it is proposed that the buildings should be constructed in the official year 1879-80

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

I have the honor to be,
Sir,
Your most obedient Servant,

Alex Prendergast Lt Col R. E.,
District Engineer, North Arcot.

Buildings
No. 9851

From
Supdg
The ~~District~~ Engineer,
North Arcot,

Dated 3rd September 1878.
Recd 4 —

No. 2770

Enclosures, 8.
×2 plans

Subject.
Police works at Thimiri
Forwards Estts. Rs 16/—
for Constructing —

6

Specification to accompany Plan and Estimate for constructing Huts, for one Head & 3 Constables at Thiminy.

Amount of Estimate Rs. 850 — — —

2. The Pillars are all to be built in brick in Chunam and the walls of mud.

3. The walls to be coated with mud plastering and to be whitewashed.

4. The roofing to consist of junglewood couples, bamboo, reepers and pantiles and chunam borders &c complete.

5. The doors & windows to be of junglewood.

6. All woodwork to be tarred.

7. The compound walls to have a tiled coping.

For further particulars see detailed Estimate & Plan.

Vellore Division Office
Vellore 2nd August 1878

Assistant Engineer
In Charge of Vellore Dn.

Specification to ac-
company Plan and Estima
for constructing Huts for 1 He
and 3 Constables at Thimiry

Rr 985/18
5

Specification to accompany Plan and Estimate for constructing a Police Station House at Thimiry, as per standards plan.

Amount of Estimate Rs. 840—

Excavation.

The Estimate provides for excavating foundation 3' in depth throughout.

Stone in Chunam

After the foundations have been sufficiently sunk, stone & chunam will be filled up to the full height of 3 feet as shewn in plan.

Brick work in Chunam

The Basement & Superstructure to be of Brick in chunam, Basement to be 2 feet thick and the superstructure $1\frac{1}{2}$ & $9\frac{1}{2}$ feet high.

Flat arch work

Flat arch work over door & windows to be turned of Brick in chunam.

Jungle wood work

Joists to Police guard, lock up and verandah & Bressummers to be of jungle wood and painted with Tar to prevent white ants from destroying the wood work.

Door and windows.

Door and windows to be of jungle

wood

and frames

wood planks, the door to be provided with iron bars Hooks, hinges chain &c. the windows to be of fixed iron barred ones with outer batten shutter, and painted with 2 coats of Tar.

Terracing

Terrace to be of Brick on edge, jelly, 3 courses of Flat tiles, and plastered with Chunam & the top course to be well smoothened and properly sloped to admit of the water to run out freely, and to be supplied with 4 earthen spouts.

Flooring

Floor to be of 6" concrete well rammed down with heavy beaters till consolidated. & to be painted with a Coat of Asphalte & tar mixture

Plastering

The building throughout will be plastered with 2 coats of chunam well rubbed and whitewashed.

Open work

The sides of Verandah above parapet walls will be enclosed with ordinary open tile work.

District North Arcot
Talug Arcot
Detailed Estimate No. 24 of 1878/79.

Provincial

Ordinary

Civil Buildings

Police Stations

Work

Constructing a Police Station House at Thimery.

Amount of Estimate Rupees 820

Particulars	No.	Measurement L.	B.	D.	Contents
Foundations.					
Back wall	1	24—3	2—6	3—„	181—10½
Front Do.	1	10—9	2—3	3—„	72—6
End Do.	2	13—„	2—6	3—„	195—„
Cross Do.	1	13—„	2—3	3—„	87—9
Pillars	3	2—3	2—3	3—„	45—6¾
Retaining wall between Pillars		33—„	2—„	1—6	99—„
Do — do to guard room		11—3	2—„	1—6	33—9
Total C. ft. of Rubble stone in Chunam					715—6
Brick in Chunam					
Back wall	1	23—9	2—„	1—6	71—3
Front wall	1	10—3	1—9	1—6	27—„
End walls	2	13—6	2—„	1—6	81—„
Cross walls	1	13—6	1—9	1—6	35—5¼
Pillars	3	1—6	1—6	1—„	6—9
Retaining wall between pillars and sides	„	31—7	1—6	1—„	47—4¾
Do. to Police guard room		11—6	1—6	1—6	25—5½

Particulars	No.	Measurement			Contents
		L.	B.	D.	
Superstructure Brick in Chunam					
Back wall	1	23—3	1—6	9—6	331—3¾
Front Do.	1	9—9	1—3	9—6	116—
End Do.	2	14—•	1—6	9—6	399—
Cross Do.	1	14—•	1—3	9—6	166—3
Pillars to ventilators over terrace	6	•—6	•—6	1—•	1—6
Wall between Pillars	1	8—•	•—6	•—6	2—•
Total Cubic feet of Brick in Chunam					1345—9¼
Deduct for openings					
Door	1	3—6	1—3	6—6	28—6
Windows	2	3—•	1—4½	4—•	33—•
					61—6
Total deduction					
Total C.ft. of Brick in chunam less deduction					1284—3
Flat arch work					
Over door	1	4—6	1—3	1—3	7—•
Window	2	4—•	1—4½	1—6	16—6
Total C.ft. of Flat arch work					23—6
Cornice					
Cornice all round		49—6			49—6
Total R. feet of Cornice					49—6
Plastering					
Interior of Police guard	•	42—6	•	9—6	403—9
Do. Lock up		42—•	•	9—6	399—•
Front		10—•	•	9—6	95—
Exterior of End wall	2	17—•	•	9—6	323—
Do. of Backwall	1	23—3	•	9—•	89—3

Particulars	Measurement				C.ft
	No.	L.	B.	D.	
Basement of Verandah		39—3	•	1—6	58—10½
Do. round Police guard		57—3	•	1—6	85—10½
Interior & Exterior Ventilator over the terrace		26—•	•	•—6	13—•
Total					1527 1467—9
Deduct for openings one side and the other half is left to cover the expense for plastering lintels and soffits.					
Door	1	3—6	•	6—6	22—9
Windows	2	3—•	•	4—•	24—•
Total deduction					46—9
Total S.ft. of Plastering less deduction					1481 1421—•
Flooring					
Main or guard-room		12—•	13—9		158—1½
Lock up		14—•	7—•		98—•
Verandah		22—•	7—3		159—6
Total S.ft. of flooring with Concrete					415—7½
Terracing					
Main building		21—9	15—6		337—•
Verandah		22—•	8—•		176—•
Do. Ventilator		5—•	2—6		12—6
Total S.ft. of Terracing with Brick on edge, gelly, 3 Courses of Flat tiles and plastering the same					525—6

Particulars	No	Measurement L.	B-	D.	Contents
Ornamental parapet					
Ornamental parapet over the terrace of main building		76—6			76—6
Do over Verandah		37—3			37—3
Do between pillars in front		16—3			16—3
Total R. fts of ornamental parapet					130—0
Honey Comb tiled work					
Honey Comb tiled work to verandah sides	2	7—0		6—6	91—0
Do to Ventilator		8—0		1—6	12—0
Total S. fts of honey Comb tiled work					102—0
Ornamental loop holes at back wall of Police guard room	1				1—
[illegible] columns including plastering Do Complete etc	3				3—
Wood work					
Bressummers to Verandah		40—0	6	9	15—
Do to Police guard		14—0	6	9	5—3—
Do to Ventilator		8—0	3	2	—4—
joists to Police guard Room	11	13—0	3¼	6½	20—11—8
Do to Lock up	11	8—0	4	2	4—10—8
Do to Verandah	16	8—0	4	2	7—1—6
Do to Ventilator	3	1—6	2	1½	—1—1
Total C. fts of Wood work					53—7—9

Particulars	No	Measurement L.	B.	9 D.	Contents
[illegible]					
Door to lock up including shutter and door frames	1	3—6		6—6	22—9
Windows	2	3—0		4—0	24—0
Total					46—9
Deduct 2/3 of door 4×3 =					12—0
Total S. fts of Batten door and window					34—9
rods					
Rods for doors and windows					67—6
Total R. fts of Iron rods					67—6
ing wood work					
Doors, windows and joists &ca Complete					580—0
Total S. fts of Tarring 2 Coats					580—0
nite stone					
Steps to verandah 10×1×6"	1				10—0
Curb stone to Verandah 4×9"×6"					4—0
Total R. fts of Granite stone					14—0
Excavating foundation					590—9¾
ing basement					
Hall		11—6	13—6	1—0	155—0
Lock up		6—6	13—6	1—0	88—0
Verandah		18—0	6—9	0—9	91—0
Total C. fts of Earthwork					924—9¾

Abstract

Quantities	Description of Charges	Rate	Per	Amount	Total
715	C.ft. of Rubble stone in Chunam	12 .. .	100 Cft.	86 .. .	
12~~84~~49	Do. of Brick in Chunam	14 13 .	Do.	~~190~~185 .. .	
24	Do. of Flat arch work	14 9 4	Do.	4 .. .	
50	R.ft. of Cornice	18 12 ..	100 Rft.	9 .. .	
~~1421~~1524	Sqr. ft. of Plastering 2 coats	2 4 .	100 Sft.	~~32~~35 .. .	
416	Do. of Flooring with concrete	3 .. .	Do.	12 .. .	
526	Do. of Terracing with brick on edge jelly 3 courses of Flat tiles & plastering the same	23 .. .	Do.	121 .. .	
130	Rft. of ornamental parapet	125 .. .	100 Rft.	163 .. .	
102	Sqft. of Honey comb tiled work including whitewashing	3 8 .	100 Sft.	4 .. .	
1	No. of ornamental loop hole at back wall of Police guard room	2 .. .	Each	2 .. .	
3	No. of Masonry columns including Plastering &c. complete	3 8 .	Do.	11 .. .	
54	Cft. of Wood work	225 .. .	100 Cft.	122 .. .	
35	Sqft. of Batten doors & windows	50 .. .	100 Sft.	18 .. .	
68	Rft. of Iron rods	14 11 .	100 Rft.	10 .. .	

Quantities	Description of Charges	Rate	Per	Amount	Total
				10	
580	Sqr. ft. of Tarring 2 coats	1 .. .	100 Sft.	6 .. .	
14	Rft. of Granite stone	25 .. .	100 Rft.	4 .. .	
925	Cft. of Earthwork	. 5 7	100 Cft.	3 .. .	
	Sundries			15 .. .	
	Superintendence			30 .. .	
	Total Estimate Rupees				840 .. .

Vellore Division Office
Vellore 2nd August 1878

(Signed) C. Vincent
Assistant Engineer
Vellore Division

Vellore
13 Augt./78

Lieut. Col. R.E.
Officiating Superintending Engineer
North Arcot

19/E Ext.

District North Arcot

Taluq Arcot

Detailed Estimate No 24 of 1877/78

Provincial

Ordinary

Original

Civil Buildings

Judicial

Police Station

Work P.W. 985 of 78

Constructing a Police Station House at Timiri

Amount of Estimate Rs 840-

Parapet

Ornamental parapets to be built over the terrace and between pillars of front verandah.

Ventilator

A Dammer Ventilator to be built over the roof and Bengal terraced.

Columns

The verandah columns are to be built of Brick in chunam and plastered 2 coats.

Steps & curb stones.

A Flight of stone step to be in front of verandah, and curb stone to be supplied to verandah entrance.

Filling Basement.

The excavated Earth to be refilled in basement, and if the earth be not sufficient the earth can be dug from pits and filled in well watered and beaten down.

After the completion of the work all brick bats & rubbish to be removed and the spot kept clean.

Vincent

Assistant Engineer
In Charge of Vellore Dn

Vellore Division Office -
Vellore 2nd August /78.

Specification to accompany Plan and Estimate for constructing a Police station House at Thimiry, as per Standard Plan

C.[illegible] 851/78

1

District North Arcot

Talug Arcot

Detailed Estimate No. 25 of 1878/79

2

Provincial

Ordinary

Original

Civil Buildings

Judicial

Police Huts

Work

Constructing a Head and 3 Constables' Huts at Thimiry

Amount of Estimate Rs. 850

Particulars	Measurement No	L	B	D	Contents
in Chunam					
undation					
Do. to Pillars in main room and front Verandah	30	2	2	3	360
Do. Do. Cook rooms	8	2	2	2-6	80
rstructure					
Do. Pillars in the main room	20	1-6	1-6	9	405
Do. Do. Cook rooms	8	1-6	1-6	6	108
Do. to front verandah	10	1-6	1-6	5	112-6
					1065-6
Total cft of Brick in Chunam					

Particulars	Measurement				Contents
	No	L	B	D	
Mud walling					
Foundation					
Do Longitudinal walls between pillars in the Main room	2	23—	2—	3—	276—
Do — Do — Do —	2	19—	2—	3—	228—
Do Cross walls in the main rooms	6	9—6	2—	3—	342—
Do Longitudinal walls between pillars in the cook rooms	8	4—	2—	2—6	160—
Do End walls of Do — Do —	4	9—6	1—6	2—6	142—6
Do Cross walls in the verandah	6	3—	1—6	2—6	67—6
Do Retaining walls between the pillars of front verandah	1	37—	1—6	1—	55—6
Do — Do — Do —	1	33—	1—6	1—	49—6
Do front compound wall	1	94—	2—	2—	376—
Do End compound wall including latrine	2	66—6	2—	2—	532—
Do Centre Do — Do — Do	1	86—6	2—	2—	346—
Do Cross compounde wall	2	19—6	2—	2—	156—
Do Screen walls in front	4	5—	2—	2—	80—
Superstructure					
Do Main walls between pillars	2	21—	1—6	9—	567—
Do — Do — Do — Do	2	25—	1—6	9—	675—
Do Cross walls to Do Do	6	10—	1—6	9—	810—
Carried over					4863—

Particulars	Measurement				Contents
	No	L	B	D	
Brought forward					4863—
Do — Do — Gables	2	10—	1—6	1—10½	56—3
Do End walls to Cook room	4	10—	1—	6—	240—
Do Cross walls of Do —	8	4—6	1—6	7—6	405—
Do — Do in front verandah	6	3—6	1—	5—9	120—9
Do front compound wall	1	93—	1—6	5—	697—6
Do end Do includg Latrine	2	63—6	1—6	5—	952—6
Do Centre Do Do Do	1	81—	1—6	5—	607—6
Do Cross compound walls	2	20—	1—6	5—	300—
Do Screen walls in the front	4	5—	1—6	5—	150—
Do — Do — Latrine —	4	3—	1—6	5—	90—
Total					8482—6
Deduction					
Do Doors to Hall	4	3—	1—6	6—	108—
Do — Do Cook rooms	4	2—	1—6	4—	48—
Do Circular portion	4	1—6	area	1—6	9—
Do Windows	6	2—6	1—6	3—	67—6
Do — Do	4	2—	1—6	2—	24—
Total deduction c ft					256—6
Total c ft of mud walling less deduction					8226—
Flooring					
Do Room	3	12—	—	10—	360—
Do — Do	1	16—	—	10—	160—
Carried over					520—

Particulars	Measurement No	L	B	D	Content
Brought forwards					520–
Flooring to Cook room	4	10–	″	5–	250–
Do Pyals in front verandah	1	19–6	″	4–3	83–
Do — Do	1	23–6	″	4–3	100–
Total flooring sqre ft					903–

[illegible]

Particulars	No	L	B	D	Content
Do to main room and front verandah	1	23–6	″	25–	587–6
Do — Do — Do — Do	1	27–6	″	25–	687–6
Do Cook rooms	4	16–	″	8–6	544–
Do Do triangular portion	4	13–	″	3–9	195–
Do main room's ventilators	4	4–6	″	6–	108–
Do Cook rooms — Do	4	3–	″	3–	36–
Total sq ft of roofing with jungle wood rafters bamboo pepper color pieces, nails, pantiles & Chunam border complete					2158–
Total sq ft of Tarring over wood works					2350–

Plastering & white washing 2 coats

Particulars	No	L	B	D	Content
Do rooms interior	3	44–	″	9–6	1254–
Do — Do	1	52–	″	9–6	494–
Do Gables	4	10–	″	1–9	70–
Do Cook room	4	30–	″	7–6	900–
Do front verandah walls of main room	1	28–6	″	8–6	242–3
Do — Do	1	32–6	″	8–6	277–3
Do — Do Cook rooms	8	6–	″	6–	288–
Carried over					3525–6

Particulars	Measurement No	L	B×	D	Content
Brought forwards					3525–6
End wall of Cook rooms	4	13–	″	5–6	286–
Front verandah basement	1	38–6	″	1–	38–6
Do — Do — Do	1	42–6	″	1–	42–6
Do Front verandah pillars	4	6–	″	5–	120–
Do Cross walls including Do	4	12–	″	5–	240–
Do — Do — Do	2	12–	″	5–	120–
Do — Compound wall	1	94–6	″	10–	945–
Do End Do including Latrine	2	63–6	″	10–	1270–
Do Centre Do Do Do	1	79–6	″	10–	795–
Do Cross compound wall	2	20–	″	10–	400–
Do Screen wall in front	4	5–9	″	10–	230–
Do Do Do in Latrine	4	3–9	″	10–	150–
Total sq ft					8162–6

Deduction

Particulars	No	L	B	D	Content
Do Doors to Hall	4	3–	″	6–	72–
Do Cook room	4	2–	″	4–	32–
Do Circular portion	4	1–6 area	″		6–
Do Windows	6	2–6	″	3–	45–
Do — Do	4	2–	″	2–	16–
Total sq ft					171–
Total sq ft of mud plastering & white washing 2 coats less deduction					7991–6

[illegible] wood works.

Particulars	No	L	B	D	Content
Bressummer to front verandah	1	28–6	4	6	4–9–
Carried over					4–9–

Particulars	Measurement No	 L	 B	 D	Contents
Brought forward					49 ..
Bressummer to front verandah	1	32-6	..-4	..-6	5-5-..
Lintles for Doors	4	4-..	1-6	..-3	6-..-..
Do Windows	6	3-6	1-6	..-3	7-10-6
Do Do Do	4	3-..	1-6	..-3	4-6-..
Total C ft of jungle wood work					28-6-6
Batten doors with frames, shutter & iron works complete	4	3-..	..	6-..	72-..
Do Windows Do	6	2-6	..	3-..	45-..
Do Do Do Do	4	2-..	..	2-..	16-..
Running ft of tiled coping					373-..
Cubic ft of Excavating foundation					3251-..

Abstract

Quantities	Description of Charges	Rate	Per	Amount	Total
1065½	C ft of Brick in Chunam	14 13 ..	100 C ft	158	
8226	Do of Mud walling	.. 14 9	Do	76	
903	Sq ft of Flooring with brick jelly in clay	2 8 ..	100 sq ft	23	
2158	Do of Roofing with jungle wood rafters, collarpieces, bamboo reepers, nails, pantiles & chunam borders complete.	16	Do	345	
2350	Sq ft of Tarring over wood works	.. 12 ..	Do	18	
	Carried over			620	

Quantities	Description of Charges	Rate	Per	Amt	Total
	Brought forward			620	
7991	Sft of Mud plastering & white washing 2 coats	.. 10 ..	100 sft	49	
28½	C ft of jungle wood work	225	100 cft	64	
133	Sft of Batten Doors & Windows	50	100 sft	67	
373	Running ft of tiled coping over compound walls	.. 4 2	100 R	1	
3251	C ft of Excavating foundation	.. 3 8	100 cft	7	
	Sundries			16	
	Superintendence			26	
	Total Estimate Rs				850 .. ..

Vellore Division Office
Vellore 2nd August 1878

Assistant Engineer
Vellore Division

Vellore
13th Augst 1878

Lieut. Col. R.E.
Offg. Suptg. Engr. North Arcot

District North Arcot

Taluq Arcot

Detailed Estimate No 25 of 1878/79

Provincial

Ordinary

Original

Civil Building

Judicial

Police Huts.

Work

PW 851 / 78

Constructing a Head and 3 Constables' Huts at Thimiry.

Amount of Estimate Rs 85[illegible]

No 4655 W Public Works Department.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

UNDER date the 7th Decr 1878

Read the following :—

From

The Dist: Engr North Arcot (H.C. No 2770 d/ 3rd Septr /78)

The plans and estimates for the undermentioned Police buildings are sanctioned.

1. Constructing Police Station House at Thimiry — Rs 840 153
2. —do— Police Huts for one Head and three constables at —do— „ 850 153

Total Rs 1,690

The works cannot be carried out during the current official year.

W

29.11.78.

GH

2/12

Supdg Engr Third Circle
Exr P. W. Accts With 2 Estimates
Inspr Genl of Police
Judicial Depts

Despd 16-12-78

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

Ex.d

R

[illegible]

[illegible] 7/12

18 7/12

Ero 2851

Govt. of [1878], Madras.

PUBLIC WORKS

To

The ~~Supdg. Engr.~~ Third Circle

10

8 Divn

Dated

Issued

Recd.

Encl.

G. O., 7 Decr 1878, No. 4655W

Nos.

Police Buildings, N. Arcot

Do sanctions plans & estimates for erection –

Enter in Regr