Archives I -10,006-16-8 77.

(1) Number of pages 32

(2) Date of repair 15·10·86

(3) Initials of the Referencer

TAMIL NADU ARCHIVES

GOVERNMENT OF TAMIL NADU

P·W·D DEPARTMENT

G.O. No. B.P. No.	4646-W	Press. Mis.
Dated	7-12-1878	~~197~~.

R.R.

Not to be folded or roughly handled

4646
7

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

7th December 1878, No. 4,646 W.

Buildings and Roads.
Civil Works.

Read the following papers :—

No. 60. From Lieutenant-Colonel R. B. KENNEDY, District Engineer, Malabar, to the Chief Engineer, Roads and Buildings, dated Lakidi, 22nd June 1878, No. 28.

I HAVE the honor to submit for sanction of Government plans and estimates as per margin, and to state that they have been approved of by the Inspector-General of Police.

		RS.
1.	Constructing additional room to the Police Station at Chevayur.	500
2.	Constructing Station-house at Ferroke	685
3.	Do. do. at Condotty	715
	Total ..	1,900

2. No provision is made in the estimates for Arm Racks, as the station-house at Chevayur has racks already provided; and as for the station-houses at Ferroke and Condotty, it is proposed to give them at a trifling cost, which will be covered by the amount for sundries in the estimates, the old pattern racks belonging to the West Hill Barracks, which will be available, and can be utilised when the new ones lately sanctioned* are supplied.

* G.O., No. 2,046 W, of 6th May 1878.

3. The works will be included in the Budget for 1879-80.

No. 60-A. From the same Officer, dated Calicut, 13th July 1878, No. 39.

[Reference No. 3,017, dated 9th instant.]

I THINK it must have escaped your notice that the standard plan to which I am referred in above is built with a terraced roof,—a mode of construction found altogether unsuitable to the climate of Malabar.

2. The ground-plan of the design sent in by me is similar to that of Oilputty station, which I was expressly asked by the Superintendent of Police to take as a guide, as he considers that the localities where the stations now proposed are to be built do not require so much accommodation as given by the standard plan; and a great object to be gained was decreased cost, the funds available under Police not sufficing to allow of more expensive structures. I shall be obliged, after these points have received your consideration, by your informing me whether the ground-plan I prepared will do, or whether I am still to adhere to the standard, the details of construction directed in your letter under reply being followed.

No. 60-B. From the same Officer, dated Calicut, 3rd October 1878, No. 74.

[Reference Nos. 3,017 and 3,374, dated 9th and 29th July 1878.]

WITH reference to above, I have the honor to retransmit plan and estimates for constructing Police stations at Condotty* and Ferroke,† and for an additional room‡ to the Police station attached to the Chevayur Taluk Cutcherry duly corrected and revised as per your Memorandum, No. 3,017, dated 9th July 1878.

* Rupees 825.
† " 795.
‡ " 500.

2. No site-plans have been forwarded, as the exact spots where Condotty and Ferroke stations will be built have not as yet been fixed, and as for additional room for the Chevayur station, it is to be built in continuation of the old Police station that at present stands. Compensation for land of Rupees 50 for Condotty and Rupees 20 for Ferroke have, however, been provided for in the estimates.

No. 61. ORDER THEREON, 7th December 1878, No. 4,646 W.

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

	RS.	Register No.	
1. Station-house at Condotty	825	161	B of 1878-79.
2. Do. do. at Ferroke	795	162	
3. Additional room to the Police Station-house at Chevayur.	500	163	
Total ...	2,120		

2. The works cannot be carried out during the current year.
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 Superintending Engineer, Fourth Circle.
" Examiner of Public Works Accounts.
" Inspector-General of Police.
" Judicial Department.

Exd. F. R. Bantleman.
Spare Copies

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of (1878) Madras.

PUBLIC WORKS.

To

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

Dated December 7th.

Issued

Recd. Encl.

G. O., 7th December 1878, No. 4,646 W.

DECEMBER.
Nos. 60-61.

Police Buildings in Malabar District.—
Sanctions plans and estimates for certain—.

81

No. 28

Malabar District Engineer's Office
Camp Luckadie 22nd June 1878.

4646
3

From,

The District Engineer
Malabar

To,

The Chief Engineer
Roads & Buildings
Madras.

Sir,

I have the honor to submit for sanction of Government Plans and Estimates as per margin and to state that they have been approved of by the Inspector General of Police.

1	Constructing additional room to the Police Station at Chevayur	Rs. 500
2	do. Station House at Feroke	Rs. 685
3	do do Kundotty	Rs. 715
	Total	Rs. 1900

2 No provision is made in the Estimates for Arm Racks as the Station house at Chevayur has racks already provided; and as for the Station houses at Feroke and Kundotty, it is proposed to give them at a trifling cost which will be covered by the amount for Sundries in the Estimates, the old pattern racks belonging to the West Hill Barracks which will be available and can be utilized when the new ones lately sanctioned are supplied.

G. O. No. 2066 W. of 5th May 1878.

3 The works will be included in the Budget for 1879-80.

I

I have the honor to be
Sir,
Your most obdt: Servt.

Wt. B. Kenne Lt. Colt.
District Engineer
Malabar,

G.O. No 2046 W of 6th May 1878

No 7116

Roads and Buildings.

From the Dt: Engineer,
Malabar

No 28
Dated 22d June 1878.
Recd 26 ——

C.E. No 3017 d/9th [illegible]

Enclosures. 7 [illegible]

Police Buildings —— Forwards Plans and Estimates for constructing certain —— for sanction.

Lo Coty 6-7-78

No 39. P/2 Malabar Distt: Engineer's Office
Calicut 13th July 1878

4664/6
5

From.
The District Engineer
Malabar.

To.
The Chief Engineer
Roads and Buildings
Madras

Sir,

Reference No 3017 d/9th ~~instant~~ —

I think it must have escaped your notice that the Standard plan to which I am referred in above, is built with a terraced roof, a mode of Construction found altogether unsuitable to the climate of Malabar.

2 The ground plan of the design sent in by me is similar to that of Vilputty Station, which I was expressly asked by the Superintendent of Police to take as a guide, as he considers that, ~~at~~ the localities where the stations now proposed are to be built, do not require so much accommodation as given by the Standard Plans, and a great object to be gained was decreased Cost, the funds available under Police not sufficing to allow of more expensive structures. I shall be obliged, after these points have received your consideration, by your informing me whether the ground plan I prepared will do, or whether I am still to adhere to the

the Standard, the details of Construction directed in your letter under reply being followed.

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

Robt. W. Kenney Lt. Coll.
District Engineer
Malabar

C E No 3017 d/ 9th July/78
G O " 2046 W " 6 May "

Roads and Buildings.

No 7731

From

The District Engineer
Malabar

No 39
Dated 13th July 1878.
Recd 15th

Police Stations at Koondoty: Feroke &c.— Explains the cause of the plan for the — deviating from the Standard design.

To Actg 26-7-78

P3

Malabar Dt. Engrs. Office
Calicut 3rd October 1878.

4646/7

No 74

From

The District Engineer
Malabar

To

The Chief Engineer
Roads and Buildings
Madras.

Sir

Reference — Nos 3017 & 3374 dated 9th & 29th July 1878.

× Rs. 825
† Rs. 795
‡ Rs. 500

With reference to above, I have the honor to re-transmit Plan and Estimates for constructing Police Stations at Coondotty× and Feroke† and for an additional room,‡ to the Police Station attached to the Chevayur Taluq Cutcherry duly corrected and revised as per your Memo: No 3017 dated 9th July 1878.

2. No site Plans have been forwarded, as the exact spots where Coondotty and Feroke stations will be built have not as yet been fixed; and as for additional room for the Chevayur station it is to be built in continuation of the old Police station that at present stands. Compensation for land of Rs 50

for

for Coondotty, and Rs. 20 for Feroke, have however been provided for in the Estimates.

I have the honor to be
Sir
Your most Obedt. Servant

Rt. B. Kerr Lt. Col.
District Engineer, Malabar

P.11. 137 (38)

Roads and Buildings

From No. 11296

The District, Engineer
Malabar

No. 74
Dated 3rd October 1878.
Recd 9th " "

Enclosures 4

R 2

Police Stations at Condotty, Terche &c. —— Re-transmits Plans & Estimates for constructing ——.

Cir 2/12 [illegible]

4646/9

Specification to accompany Estimate for constructing an additional Room to the Police Station House at Cherayur.

Amount of Estimate Rs 500.

The proposed room is to be raised on a basement 1 foot high and the foundations of verandah and main walls to be sunk 2 and 3 feet respectively. The dimensions of the room will be $12\frac{3}{4}' \times 9\frac{3}{4}'$ & a verandah 4 feet wide to be provided all round the existing and proposed rooms as shewn on the plan. The walls above will be $10\frac{1}{2}$ ft high and 9" thick and the verandah posts $7\frac{1}{2}$ feet high and 9 inches square. The roof is a simple trussed roof and together with rafters reepers, wall plates & bressummers are to be of Round Erool or Karumarudu wood, the roof is to be covered with pantiles.

The flooring is to be of laterite jelly 3 inches thick and two coats of chunam plaster at top.

The doors are to have a segmental Arch over them 1½ feet deep.

The walls both inside and outside as well as the basement to be plastered with 2 coats of chunam, the first coat consisting of 1½ parts of sand to one of lime and the second coat of equal parts of lime and sand. Joints in the masonry to be scraped to a depth of half an inch before the plastering is laid on.

The masonry throughout to be of picked laterite ~~in~~ mortar composed of one of lime and 1½ of sand.

In order to secure a longitudinal tie between the old and new masonry, stretchers are to be introduced into every alternate course of the existing walls.

After the completion of work all rubbish &c. to be removed and the ground left clean

W. Bailey Captain
Executive Engineer

Calicut Range Office
Camp Tippacaudoo 18th August 1876

Robt. W. Kenne Lieutt. Colonel
District Engineer, Malabar

Malabar Dt. Engrs. Office
Calicut 25th August 1876

11

~~(B) [illegible]~~

5

P.W. 11296/78
3

Calicut Division.
Malabar District

Rd 27.8.78

Dated 15th
Received } August 1878

Estimate and Specification for constructing an Additional Room to the Police Station at Chavagur

Amt of Est Rs 500

General No. $\frac{6}{20}$ of 1878-79

"Provincial" — "Ordinary" — "New Works" — "Civil Buildings" — "Police stat..."

Ernaad Division — Malabar District

Abstract Estimate of the Probable expense of Constructing Police station-houses at Condetty and Ferroke

Constructing Police station-houses at Condetty and Ferroke.

Quantity	Particulars of charges		Rate	Per	Amount article	Amount work	Explanation of necessity of work	By whom recommended
	Police station-house at Condetty							
$2078\frac{25}{32}$	Cub. ft. of laterite stone in chunam	@	14 . .	100 cub. ft	290 13 3			
$23\frac{5}{8}$	— do — do — in arch work	@	18 . .	— do —	4 4 .			
$1652\frac{1}{2}$	Sq. ft. of Plastering with one coat of Chunam Plaster	@	1 8 .	100 sq. ft	24 12 7			
$343\frac{1}{2}$	— do — of Flooring with 3" of Concrete (laterite jelly in chunam) and a composition of asphalte and tar coated on with a Brush	@	5 . .	— do —	17 2 7			
$708\frac{1}{2}$	— do — of Roofing with rafters, reapers, wall-plates Pan tiles chunam ridge, &c. complete	@	20 . .	— do —	141 11 2			
$30\frac{1}{8}$	Cub. ft. of Jungle wood wrought and put up	@	1 4 .	cub. ft	38 3 6			
$58\frac{5}{6}$	Sq. ft. of Grating Partition with wooden frames and iron bars 1" diam. &c. complete	@	1 4 .	sq. ft	73 13 8			
$26\frac{2}{3}$	— do — of Iron Grated door	@	2 . .	— do —	53 5 4			
1	Post Large (10' × diameter)		. . .		4 . .			
3	— do — (6½ × 7 diameter)	@	3 . .	each	9 . .			
22½	Sq. ft. of Windows with iron Bars and Batten Shutters &c.	@	1 12 .	sq. ft	39 6 .			
52	Rg. ft. of Cornice (plain) for End Gables outside	@	. 4 .	Rg. ft	13 . .			
4	Tarring wooden Posts				1			
	Excavating foundation and filling in basement				10 . .			
	Total				720 5 4			
	Sundries and Contingencies	@	2 8 .	Cent	19 10 3			
	Superintendence	@	5 . .	— do —	35 . .			
	Probable Cost of Constructing Police station-house at Condetty				775 . .			
	Compensation of land for — do.				50 . .			
	Total					825 . .	Called for in Dist. Engr's Memo No. 39 dated 25th August 1878.	
	Police station-house at Ferroke							
1	Police station-house as per Abstract above at Ferroke				775 . .			
	Compensation of land for — do.				20 . .			
	Total					795 . .		
	Grand Total					1620 . .		
	Amount of Estimate				Rupees	1620 . .		

Ernaad Division Office
Calicut 1st October 1878

W. Bailey Captain
Ex. Engr. Ernd. Divn.

Wt. W. Keene Lt. Col.
Dt. Engr. Malabar.

46666
12

Ernaad Division

Malabar District

Dated 1st
Received } October 1878.

Abstract Estimate for constructing Police Station-house at Condatty and Ferroke.

Specification to accompany the Estimate for constructing Police Stations Houses at Condotty and Feroke in Ernaad Division, Malabar District.

Amount of Estimate Rs 1620 – – –

The Building is to consist of a Police Room 11½' × 9' and a Lock-up 10½' × 9' and a verandah 5 ft wide in the clear in front.

The foundations to be 3 ft. broad and 2 ft. deep and the Basement 2¼ ft broad and 1½ ft high throughout, except the Partition wall, the foundation of which will be 1½ ft. broad and 1 ft. deep, and its basement ¾ ft broad and 1½ ft. high.

The Lock-up will be separated from the Police Room by a Grating as shewn on the Plan with an Iron-grated Door in center.

The Partition-grating will be formed of a frame of wood work scantling 6" × 4" as shewn on Plan with 1 inch Iron bars passing through them, the iron bars to be 4" apart.

The Door which will be 6½' × 4' will consist of one fixed round Bar ¾" diameter to act as a Pivot for the Door which will have 8 bars of the same diameter in it.

The fixed bar will be rivetted into top and bottom plates 2" × ½" which will be fastened to the top and bottom sills of frame by four ½" Bolts to each plate.

The Bars of the Door will be rivetted at top and bottom to Bars 2" × ½" and will pass through

2 Horizontal Bars and 3 Diagonal stays of the same dimensions.

These Horizontal bars and also the top and bottom ones will be long enough at one end to allow of a hole being punched through which the fixed bar of frame will pass, whence they will act as hinges.

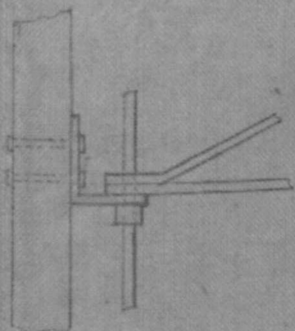
The ends of the Diagonal bars will be bent so as to fit the horizontal bars and be rivetted to them by a half-inch Rivet at each end.

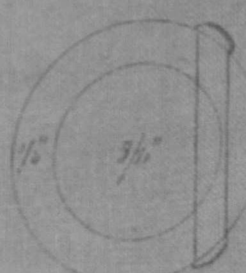
To keep the two center bars from sinking, washers of iron 1"×½" scantling will be shrunk on to the fixed bar, a Rivet 5/16" thick being afterwards passed through the washer and bar to keep the washer from moving. These Rivets will be put so, as merely to take a hold of the edge of the bars and not weaken them to any perceptible extent.

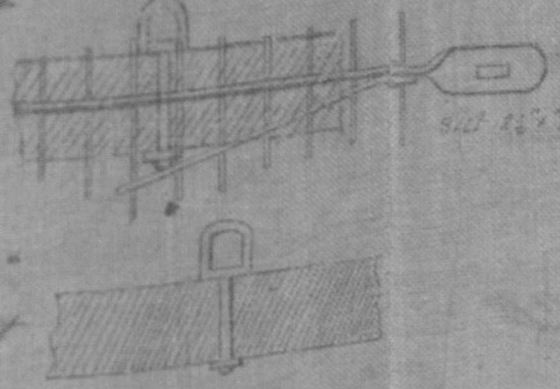
The two center cross Bars after passing the last bar of Door will be ~~twisted~~ bent and punched as shown in the margin, so as to act as a Hasp for the Staples to pass through; these staples will be formed, as shown in the margin, of ½" iron and will be put through the side post of the Door and fastened by a Plate 2" square being put on the tong of the staple and the tong rivetted to it.

A space of 1" to be left between the top and bottom of the Door and the bars which are to be fixed to the frames. Washers 1" deep being put above and below the Doors to keep them in their proper places.

After the Bolts which pass through the top and bottom Lintels of the Door and the Bars at top and bottom have had the nuts screwed on tight, the ends of the Bolts will be rivetted so as to prevent the Removal of the Nuts.







To strengthen the fixed Bar, stays of 2"×½" iron will be put under the two center cross bars over the washers; these stays will have a hole punched in them to allow of the fixed bar passing through them, the other end will be bent at right angles and fastened to the side frame of the Door by ~~the~~ two ½" iron bolts to each stay, the end of these Bolts to be rivetted after the nuts have been put on to prevent the nuts being taken off.

The Lock-up will have a ceiling level with the top of the wall, formed of joists 4½"×3" with Planks 3/4" thick nailed on them these planks to be placed 2" apart to give ventilation.

The masonry to be of picked laterite stone laid in mortar composed of 1½ parts of sand to 1 of shell lime.

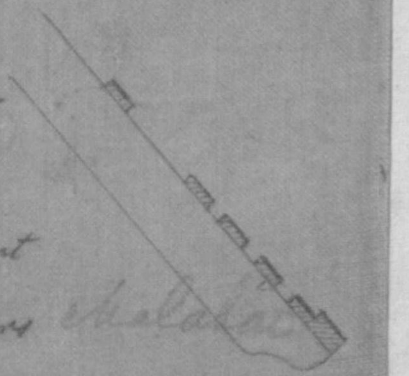
All walls to be plastered with one coat of chunam composed of 1½ parts of sand to one of lime.

Segmental arches 1½' deep to be constructed over the windows.

The ~~flooring is~~ to be of concrete laterite jelly in chunam 3" thick covered with a composition of 1 part of tar and 4 of asphalte melted together and coated on with a Brush.

The Roof to have a rise of 3/10 of the span and will be formed of a Tie-Beam 6"×9", Ridge-beam 5"×8", King-post 6"×4", wall-plates 4"×3" and Rafters 5"×3" placed 2 ft apart from center to center. Reepers 2×1 will be nailed to the rafters and covered with best procurable pan tile.

The edge of the Roof to be as shown in the sketch in margin the tiles being bedded in mortar for the width of the 3 Reepers placed close together.



Bressummer 8"×5" to be placed across the front of the Police Room and one of 6"×4" over the Wooden Pillars of the Verandah.

The Windows 2½×3' will be grated with iron Bars ¾" thick and 4⅓" apart from center to center of Bars and fitted with Batten shutters, 2 to be placed in the walls of the Police Room and one in the Lock-up as per Plan The frames of Windows to be 4"×3", cross-pieces 4"×2".

The wood to be either Erool or Karoomarodoo free from cracks or flaws.

All iron works to be dipped in coal tar before being used.

Ernaad Division Office
Calicut 1st ~~Octob~~er 1878

A. Bailey Captain.
Ex. Engr. Ernad. Division

Wm. B. Kennedy Lt. Col.
Dt. Engr. Malabar.

Malabar

P.W. 1129 6/78

7-11-78

4646/15

No

PROCEEDINGS OF T

From
The Dist: Engr. Malabar
" — do — do
" — do — do

1 Station House at Condot
2 — do — at Ferri
3 Additional room to th
House at Chev

Supg. Engr. Fourth Circle
Exr. P. W. Accounts with 2
Inspr. Genl. of Police
Judicial Dept.
Ex. Eub. S.

~~No 11296~~

Govt. of [1878] Madras.

PUBLIC WORKS.

10-12-78

To

Dated

~~Issued~~

Recd. Encl.

G. O. 7 Decr 1878, No. 4646 W

Nos.

Police buildings ~~at~~ [illegible]

D — sanction of plans

& estimates for certain —