

(1) Number of pages\_\_\_\_\_

(2) Date of repair\_\_\_\_\_

(3) Initials of the Referencer\_\_\_\_\_

# MADRAS RECORD OFFICE.

**Government of Madras.**

*Public Works* **DEPARTMENT.**

|                   |               |
|-------------------|---------------|
| G.O. No. 1964 (W) | Press<br>Mis. |
| Dated 4-12-       | 1877.         |

Not to be folded or roughly handled

GOVERNMENT OF MADRAS.  
PUBLIC WORKS DEPARTMENT.

4th December 1877, No. 1,964 W.

Buildings and Roads.  
Civil Works.

Read the following papers:—

No. 54. From Lieutenant-Colonel R. B. KENNEDY, R.E., District Engineer, Malabar, to the Chief Engineer, Public Works Department, Buildings and Roads, dated Camp, Luckadie, 28th July 1877, No. 58.

|                                    |     |       |                                             |
|------------------------------------|-----|-------|---------------------------------------------|
|                                    |     | RS.   | I HAVE the honor to forward for             |
| One Police Station-house at Elatur | ... | 745   | sanction plans and estimates as per margin, |
| " " " at Teriote                   | ... | 1,760 | and to state that the Inspector-General of  |
|                                    |     |       | Police has approved the projects.           |

No. 54-A. From the same Officer, dated Camp, Luckadie, 30th October 1877, No. 110.  
*Reference.*—Memorandum No. 3,013, dated 2nd instant.

WITH reference to above, I have the honor to return plan and estimates for constructing Police stations at Elatur and Teriote, and to state that they have been revised as directed in paragraphs 2 and 3 of your memorandum.

2. As regards paragraphs 4 and 5, I have to state there are arm-racks already provided in the present temporary buildings and provision for new ones is therefore omitted, and as the exact sites have not as yet been fixed no survey is yet possible.

No. 55. ORDER THEREON, 4th December 1877, No. 1,964 W.

THE plans and estimates for the undermentioned works in the Malabar District, to be carried out from the provision for Police Works Budget of 1878-79, are sanctioned:—

|                                |     |       |     |                 |
|--------------------------------|-----|-------|-----|-----------------|
|                                |     | RS.   | NO. |                 |
| Police Station-house at Elatur | ... | 745   | 226 | } B of 1877-78. |
| Do. do. at Teriote             | ... | 1,760 | 227 |                 |

2. 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, Malabar.  
" Inspector-General of Police.  
" Judicial Department.  
" Examiner of Public Works Accounts  
Ed. S. T. Austin.  
Spare Copies

Roads & Buildings Malabar District Engineer's Office  
No. 58 Camp Lucknow 28 July 1877.

From,  
The District Engineer  
Malabar.

To,  
The Chief Engineer  
Roads & Buildings  
Madras.

Sir,  
I have the honor to forward  
for sanction, Plans and Estimates  
as per margin and to state that the  
Inspector General of Police has ap-  
proved the projects.

I have the honor to be  
Sir

Your most obedt. Servant

W. H. Keeney Lt. Col.  
District Engineer, Malabar.

1. Police Station House at Clatur Rs. 745.

1. do do at Teriadi Rs. 1760.

GO No 129 of 24 May 77

Roads and Buildings

From

The District Engineer  
Malabar

No 58

Dated 28<sup>th</sup> July 1877

Enclosures 4

& Returned

Police Station House  
at Elatur and Teriote  
Submitting Estimates for  
sanction.

No 54

Specification to accompany Estimate for  
Constructing a Police Station at Teriote  
South Wynad

Amount of Estimate Rupees 1760.

The building is to consist of a Hall  
 $11\frac{1}{2} \times 9$ , a lockup  $10\frac{3}{4} \times 9$  and a veranda  $6\frac{1}{2}$  ft  
wide in the clear in front.

The foundations to be 3 feet broad  
and 2 ft deep and the basement  $2\frac{1}{4}$  feet broad  
and  $1\frac{1}{2}$  ft high throughout except the cross wall  
the foundation of which will be  $2\frac{1}{4}$  feet broad  
and 2 ft deep and basement  $1\frac{1}{2}$  ft square.

All walls to be plastered with a  
Coat of chunam composed of  $1\frac{1}{2}$  parts of  
sand to one of lime.

The masonry to be of Brick in  
mortar composed of  $1\frac{1}{2}$  parts of sand to  
one of lime.

The roof to have a rise of about  
 $\frac{1}{4}$  of the span and will be formed of a  
Ridge beam and rafters of well seasoned  
Eroo wood placed 8 feet apart from center  
to center.

Rafters to be fixed with rafter 2" x 1 nail  
ed over and covered with Corrugated iron.

The floor will be formed of  
Gravel 3 inches thick and plastered at top  
with 2 Coats of chunam.

Windows  $3 \times 2\frac{1}{2}$  with iron  
bars  $\frac{3}{4}$  inch thick and batten shutters

to be fitted in the walls of Hall and lock up  
 room as per plan. An iron grated door (6x6)  
 being given between the Hall and lockup and  
 a batten door (4x6) in the front wall of the Hall  
 for the entrance. Segmental Arches 1 1/2 feet  
 deep to be constructed over the windows & door.  
 All iron work to be dipped in Coal tar be-  
 fore being fixed.

After the Completion of work all  
 rubbish is to be removed and the site left  
 clean.

M. H. B. Kerner  
 District Engineer, Malabar.

Camp.

1873

Detailed Estimate of the probable cost of Constructing Police Station House at Perrott. South.

| Qty Work &c. | Measurements | Conts. | Particulars | Rate    | Amount       | Remarks              |
|--------------|--------------|--------|-------------|---------|--------------|----------------------|
|              |              |        |             |         |              |                      |
| 3            | 2 1/4        | 3      | 2           | 499 1/2 | Long: Walls. |                      |
| 2            | 11           | 3      | 2           | 132     | End: Walls   |                      |
| 1            | 1 1/2        | 24     | 2           | 33 1/2  | Cross Walls. |                      |
| 1            | 5 1/2        | 2      | 1/2         | 5 1/2   | Steps.       |                      |
|              |              |        |             |         | Total        | 671                  |
|              |              |        |             |         |              | Slabs of Foundation. |
| 3            | 27           | 24     | 1 1/2       | 243 1/2 | Long: Walls. |                      |
| 2            | 12 1/2       | 24     | 1 1/2       | 84 1/2  | End: Walls   |                      |
| 1            | 8 1/2        | 14     | 1 1/2       | 18 1/2  | Cross Wall   |                      |
| 1            | 5            | 2      | 3/4         | 4 1/2   | Steps        |                      |
|              |              |        |             |         | Total        | 382 1/2              |
|              |              |        |             |         |              | Slabs of Pavement.   |

South Wing road

Constructing Police Station House at Perrott.

|   |       |       |       |         |                                 |
|---|-------|-------|-------|---------|---------------------------------|
| 1 | 702   | 1 1/2 | 10    | 115 1/2 | Main long and End walls.        |
| 2 | 6 1/2 | 1 1/2 | 8 1/2 | 193     | End walls of Vandalah.          |
| 2 | 7 1/8 | 1 1/2 | 8     | 21      | Projections.                    |
| 1 | 9     | 3/4   | 10    | 64 1/2  | Chorus Walls.                   |
| 2 | 6     | 3     | 1 1/2 | 54      |                                 |
| 1 | 6     | 3     | 3/4   | 138 1/2 | Gableman end and Corners Walls. |

Total, 1386  $\frac{1}{2}$  left of a stone structure.  
 Grand total, 2441  $\frac{1}{4}$  left of a Masonry.

|   |       |       |       |        |                              |
|---|-------|-------|-------|--------|------------------------------|
| 3 | 2 1/2 | 1 1/2 | 3     | 33 3/4 | Windows                      |
| 3 | 3 1/2 | 1 1/2 | 1 1/2 | 23 5/8 | Archwork over D <sup>o</sup> |
| 1 | 6     | 4     | 3/4   | 18     | Door                         |
| 1 | 5     | 3/4   | 1 1/2 | 55 5/8 | Archwork over D <sup>o</sup> |
| 1 | 7     | 4     | 1 1/2 | 42     | Door                         |
| 1 | 5     | 1 1/2 | 1 1/2 | 11 1/4 | Archwork over D <sup>o</sup> |

|            |      |                                           |                                               |
|------------|------|-------------------------------------------|-----------------------------------------------|
| Total.     | 734½ | Exp <sup>t</sup> of Deductions            | _____                                         |
| Net Total. | 2304 | Exp <sup>t</sup> of Brickwork in Charnam. | at 36. = $\frac{100}{\text{sq}}$ 83083 ✓      |
| Total.     | 402  | Exp <sup>t</sup> of Arch. work.           | _____ at 40 = $\frac{1600}{\text{sq}}$ 1632 ✓ |

|   |        |       |       |         |                                     |
|---|--------|-------|-------|---------|-------------------------------------|
| 1 | 4 1/2  | "     | 10    | 415     | Stair inside.                       |
| 1 | 39 1/2 | "     | "     | 395     | Back up 2nd.                        |
| 1 | 43 1/2 | "     | 10    | 435     | Main walls outside.                 |
| 4 | 6 1/2  | 8 1/2 | "     | 230 3/4 | End walls of Verandah.              |
| 2 | 5 1/2  | 8     | "     | 52      | Front and rear of projection.       |
| 1 | 92 1/2 | "     | 1 1/2 | 138 1/2 | Basement all round.                 |
| 1 | 2      | "     | 3/4   | 1 1/2   | Ends of Steps.                      |
| 1 | 16     | "     | 3/4   | 12      | } Sides & soffits of Doors.         |
| 1 | 18     | "     | 1 1/2 | 27      |                                     |
| 3 | 11     | "     | 1 1/2 | 49 1/2  | Sides, soffits, & sills of Windows. |
| 6 | 6      | "     | 3     | 108     | Labels over Cross and end walls.    |
|   |        |       |       |         | Total 2164 1/2 Sft. of Plastering.  |

|   |   |    |   |    |   |         |
|---|---|----|---|----|---|---------|
| 2 | 6 | 4  | " | 48 | ✓ | Goose.  |
| 2 | 7 | 4  | " | 56 | ✓ | 84.     |
| 6 | 3 | 2k | " | 45 |   | Winkles |

Total 149  $\frac{1}{2}$  lbs. of deductions. —  
 Net Total 2015  $\frac{1}{2}$  lbs. of 20  $\frac{1}{2}$  lbs. of plastering with 1 coat of Chumma 5... 2  $\frac{1}{2}$  lbs. 100 lb. ✓

Carried Over, ————— 9477.5

Madras 25<sup>th</sup> June 1877

Brought Forward — 947 5

1 " 8 1/2 " 90 3/4 Hall.  
1 " 10 8 1/2 " 82 1/2 Roofs.  
1 " 23 1/2 4 1/2 " 98 1/2 Verandah.  
Total 242 1/2 Sq. or 23 1/2 squares of flooring with 3 " that  
Gravel ~~fill~~ 8 1/2 Cc. of Chumam. at 800 Sq. 2480.

1 27 1/2 15 1/2 " 4 15 1/2 } Roofing.  
1 27 1/2 8 1/2 " 23 1/2 }  
Total 64 7 3/4 Sq. or 6 1/2 Sq. of roofing with rafters,  
ridge beam, creeper, Corrugated iron,  
nails & Wall plate. — at 65 — 82 4228.

1 26 1/2 5 " 9 " 8 1/2 Ridge beam  
1 26 1/2 1 1/2 " 4 3/8 Braces & masts.  
Total 12 3/4 Sq. of Eerol wood wrought and put up 280 Sq. 317 1/2  
3 " Eerol posts (1 1/2 long and 7 " diam) — at 44 each 12 12.  
22 1/2 Sq. of windows with iron barred & lattice work 2 10 " 2 1/2 59 1 " 1/2

1 6 4 " 26 1/2 Sq. door (iron grates) — at 280 2800  
1 7 4 " 28 1/2 Sq. (lattice) — at 100 2800  
Excavating foundations, filling in floor  
2 masts & larring posts. — at — 2000  
26 1/2 Sq. of cornice outside of ead gables at 90 1400

Total 18235 1/2  
Superintendence at 60000 Rupees 881000

Amount of Estimated Rupees. — 1710000  
Contingent for land 50000  
Total Rupees 1760000

Malabar Dist. Eng. S. Office  
Completed early 1250 July 1877

W. B. Keeney District Engineer, Malabar,  
Chief Office of the Inspector General of Police  
Madras 25th June 1877

Inspector General of Police

Calicut District.      Police Station.      New World  
Abstract Estimate for Constructing a Police Station House at Ellathur.

| Quantities         | Particulars                                                                                                   | Rate     | Amount     |
|--------------------|---------------------------------------------------------------------------------------------------------------|----------|------------|
| 2479 $\frac{1}{4}$ | Feet of latente in chumam                                                                                     | @ 14..   | Rs. 347 16 |
| 29 $\frac{1}{4}$   | Feet of archwork                                                                                              | @ 18..   | Rs. 5 42   |
| 1860 $\frac{1}{4}$ | Sq. ft or 18 $\frac{1}{2}$ squares of plastering with one coat of chumam                                      | @ 18..   | Rs. 27 12  |
| 272                | Sq. feet or 2 $\frac{3}{4}$ - 0 - flooring 3" thick latente jelly + 2 coats of chumam                         | @ 38..   | Rs. 9 10   |
| 708 $\frac{1}{2}$  | Sq. feet or 7 $\frac{1}{10}$ squares of roofing with rafters, rippers, wall plates, pannels, chumam ridges &c | @ 20.... | Rs. 142    |
| 13 $\frac{45}{64}$ | Feet of Erol wood wrought and put up                                                                          | @ 14..   | Rs. 17 2   |
| 1                  | Erol post (large)                                                                                             | @ 3..    | Rs. 3      |
| 3                  | Do posts (small)                                                                                              | @ 2..    | Rs. 6      |
| 22 $\frac{1}{2}$   | Sq. ft windows, iron barred + lattice shutters                                                                | @ 12..   | Rs. 39 6   |
| 24                 | Stone door (ungrated).                                                                                        | @ 10..   | Rs. 39     |
|                    | Excavating foundations, filling in basement & tarring posts                                                   | @        | Rs. 15     |
| 26                 | Running feet of cornice for outside of end gables.                                                            | @ 6..    | Rs. 9 12   |

Chief Office of the Insp. Genl  
of Police  
Madras 25<sup>th</sup> June 1877

*W. H. Keene*  
Inspector General of Police

Total — Rs. 660 158  
 Superintendence @ 5 percent — 34 4  
 Compensation for Land — 50  
 Amount of Estimate. — Rupees 745

Calicut Range Office  
Calicut 26<sup>th</sup> February 1877

*W. H. Keene*  
Dist. Commr.

*W. H. Keene*  
Executive Engineer.

End  
Er. 2077 Malabar Dist. Engr's Office  
Comptroller &c

Specification to accompany  
Estimate for constructing a Police  
Station House at Ellathur.

Amount of Estimate Rs 713

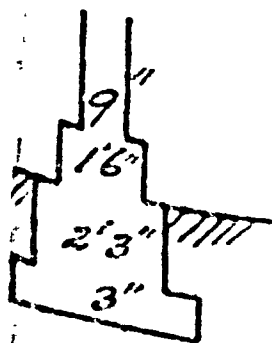
The building is to consist  
of a Hall  $11\frac{3}{4} \times 9$ , a lock up room  
 $10\frac{3}{4} \times 9$  & a verandah  $6\frac{1}{2}$  feet wide  
in the clear in front.

The foundations and basement  
of main & verandah walls to be  
laid according to the section on  
the accompanying plan, except  
the main cross wall, the foundation  
and basement of which will be as  
shown in the section given in the  
margin.

All walls to be plastered with a coat  
of Chunnam composed of  $1\frac{1}{2}$  parts  
of sand to one of lime.

The masonry to be of pitted la-  
terite in mortar composed of  
 $1\frac{1}{2}$  parts of sand to one of lime.

The roof to have a rise of  $\frac{3}{10}$  of  
the span & will be formed of a  
ridge beam & rafters of well seasoned



Chief Engineer  
Madras District

Recd 26<sup>th</sup> Feb  
1877

For constructing  
a Police Station  
House at Ellathur.

ed Erol wood placed 2 feet  
apart from centre to centre.

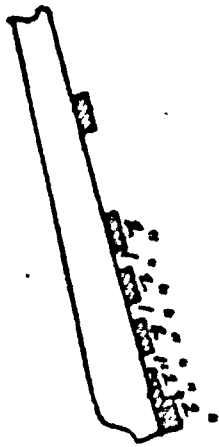
Rafter to be  $5 \times 3$  with rafters  
 $2 \times 1$  nailed over and covered  
with pan tiles.

An edge rafter as shown in sketch  
on margin to be given & 3 ordinary  
rafters to be placed above it one  
inch apart, the tiles to be completely  
bedded in the mortar for the  
width of these rafters about  
one foot.

The floor will be formed of laterite  
felly in chumam  $3$ " thick  
of plastered over with 2 coats  
of chumam.

3 windows ( $3 \times 2 \frac{1}{2}$ ) with iron  
bars  $\frac{3}{4}$  inch thick and latten  
shutters to be fitted in the walls  
of Hall and lock up room as  
per plan, an iron plated door  
being given between the Hall  
and lock up.

Segmental Arches  $1 \frac{1}{2}$  feet  
deep to be constructed over the  
windows and door.



All iron work to be dipped  
in coal tar before being fixed.  
After the completion of work  
all rubbish is to be removed and  
the site left clean.

R. Bailey, Captain  
Executive Engineer.

Calicut 26<sup>th</sup> February 1877.

W. W. Kennedy Esq. Col.  
Dist. Engineer, Malabar

Malabar Dist. Eng. Office  
Camp Luckadi, March 1877

25 & Buildings Malabar Distt: Engrs. Office  
No. 110. Camp Luck Radie 30<sup>th</sup> October 1877.

From  
The District Engineer,  
Malabar.

To  
The Chief Engineer,  
Roads & Buildings,  
Madras.

Sir,

Reference Memo: No. 3013 of 2<sup>nd</sup> Instt.

With reference to above, I have  
the honor to return Plan & Estimates  
for constructing Police Stations at Elatour,  
Tervijote  
and to state that they have been revised  
as directed in paras 2 & 3 of your Memo:

2... As regards paras 4 & 5 I have  
to state there are arm racks already pro-  
vided in the present temporary buildings,  
and provision for new ones is therefore  
omitted, and as the exact sites have  
not as yet been fixed, no survey is  
yet possible.

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

W. H. K. Engrs. Lt. Col.  
Distt. Engineer, Malabar

Chief Range  
Malabar District.

Dated 26<sup>th</sup> February  
Received 1877.

Estimate of Police  
Stations for con-  
structing a Police  
Station House  
at Elatour.

Roads & Buildings

From  
The District Engineer  
Malabar.

No 110

Encls II

Dated 30<sup>th</sup> October/77.

with 2 Estimates  
for 1878-79.

P. 54 A

Resubmits plan and  
Estimates for construct-  
ing Police Stations at  
Ellatur and Turiat

Cur 31/11

B. N. Chalk

No 19646 Public Works Department.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

UNDER date the 4 Decr 77

Read the following:

From the District Engineer } St. C. No 58 of 28<sup>th</sup> July 1877.  
Malabar }

— Do — — Do — — Do — — " " 110 " 30 Octr 1877.

The plans and  
Estimates for the undermen-  
tioned works in the  
Malabar District <sup>to be</sup> carried  
out from the provision for  
Police Works Budget of  
1878-79, are sanctioned.

*[Signature]*

Police Station House at Ellatur. St. 226 } No 7454

— Do — — Do Turiat No 227 } No 1760  
29/11/77

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

To The Dist Engr. Malabar.  
" Inspector General of Police.  
" Judicial Department.  
" Examiner P. W. Accounts.

Dist<sup>y</sup> 11-12-77

No. 110

1. The first part of the paper is a list of names of the persons who have been appointed to the various committees of the Board of Education. The names are as follows:

2. The second part of the paper is a list of the names of the persons who have been appointed to the various committees of the Board of Education. The names are as follows:

3. The third part of the paper is a list of the names of the persons who have been appointed to the various committees of the Board of Education. The names are as follows:

4. The fourth part of the paper is a list of the names of the persons who have been appointed to the various committees of the Board of Education. The names are as follows:

5. The fifth part of the paper is a list of the names of the persons who have been appointed to the various committees of the Board of Education. The names are as follows:

6. The sixth part of the paper is a list of the names of the persons who have been appointed to the various committees of the Board of Education. The names are as follows:

7. The seventh part of the paper is a list of the names of the persons who have been appointed to the various committees of the Board of Education. The names are as follows:

8. The eighth part of the paper is a list of the names of the persons who have been appointed to the various committees of the Board of Education. The names are as follows:

9. The ninth part of the paper is a list of the names of the persons who have been appointed to the various committees of the Board of Education. The names are as follows:

10. The tenth part of the paper is a list of the names of the persons who have been appointed to the various committees of the Board of Education. The names are as follows:

11873  
Copy 100/1  
Gobi. of 1877  
PUBLIC WORKS.

To

The D. G. Melabaz

Dated

Issued

Recd.

Encl.

G. O., 4 Dec 1877, No. 1964

Nos. 54-55

Police station houses at  
Elater and Tormole in the  
Melabaz District  
Plans estimates for  
erecting

Ent. in P. G.