

(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.	2702	Press
B.P. No.		Mis.
498-499		
Dated	22-9-1874	195 .

Not to be folded or roughly handled

*Proceedings of the Madras Government, Public Works Department,
22nd September, 1874.*

Read the following letters:—

No. 498. From Captain H. BAILEY, Acting District Engineer, Malabar, to Colonel E. A. FOORD, R.E., Inspecting Engineer for Civil and Military Buildings, dated Calicut, 15th July 1873, No. 13.

With reference to your Circular, No. 635, dated 14th June last, and G. O., No. 1,459, dated 2nd June, I have the honor to report as follows:—
Two Plans received from Cannanore and Palghaut are forwarded.

1. *Cannanore or No. I. Range.*—

Two store-rooms and offices are required for the Overseers of the Cherikal and Coorumbraaad Taluqs, and the existing building at Tellicherry requires tiling instead of thatch as at present.

2. *Calicut or No. II. Range.*—Accommodation for Calicut Taluq Overseer will be provided for in District and Range Offices, as directed in G. O., No. 1,476, dated 3rd June; there is accommodation in the Ernaad Taluq.

3. *Palghaut or No. III. Range.*—Accommodation required for the Wallwanaad and Ponany Overseers, and an additional room to be added to the Range Office for the Overseer of Palghaut Taluq.

4. *Cochin and West Coast Canal or No. IV. Range.*—Accommodation to be provided by the arrangement ordered in G. O., No. 1,476, of 3rd ultimo.

No. 498-A. From the same Officer, dated Calicut, 11th November 1873, No. 57.

With reference to your Circular, No. 635, dated 14th June last, and G. O., No. 1,459, dated 2nd June 1873, I have the honor to forward plans and estimates, amounting to Rupees 4,353, for the following accommodations required as Overseers' sheds and offices:—

	RS.
1 Plan and Estimate of Overseer's shed at Cannanore. ...	910
1 Do. do. at Coorumbraaad. ...	829
1 Estimate for tiling Overseer's shed at Tellicherry. ...	354
1 Plan and estimate for additions to Palghaut Range Office ...	600
1 Do. do. Wallwanaad and Ponany ...	1,660
Total	4,353

No. 499. ORDER THEREON, 22nd September 1874, No. 2,702.

CIVIL WORKS, No. 39.

His Excellency the Governor in Council sanctions an average sum of Rupees 850 each for four offices required for the Overseers of the Cannanore, Coorumbraaad, Wallwanaad, and Ponany Taluqs in Malabar. But directs that pillars 1½ feet square be inserted at the corners and in the middle of the walls to strengthen them; to meet the extra cost of which the size of the rooms shall be reduced from 14 to 12 feet square. Provision of Rupees 3,400 to be made in the Budget of 1875-76.

Proceedings of the Madras Government, Public Works Department,
22nd September 1874.

2. The estimates of Rupees 600 for an addition to the office at Palghat on account of the Overseer of that taluq, and of Rupees 354 for tiling the Telli-cherry Overseer's Office are also sanctioned. Funds will be provided when available.

(True Extract.)

Colonel, R.E.,
Secretary to Government.

To the District Engineer, Malabar.
,, Officiating Controller of Public Works Accounts.

Exd. S. T. Austin.
Spare Copies

1213. Malabar Dist. Super. Office
Calicut 15th July 1874

From
The Acting District Engineer,
Malabar

To
The Inspecting Engineer,
for Civil & Military Buildings,
Madras

Sir,
With reference to your Circular No. 635 dated 14th June last and G. O. No. 145, dated 2nd June, I have the honor to report as follows.

1. Cannanore or No. I Range. — Two Store rooms and Offices are required for the Purussars of the Cherikal and Coroomb-
-wad Taluqs, and the existing building at Tellicherry requires tiling instead of thatch as at present.

2. Calicut or No. II Range. — Accommo-
-dation for Calicut Taluq. Overseer will be provided for in District and Range Offices as directed in G. O. No. 1476 dated 3rd June; there is accommodation in the Cannad Taluq.

3. Palghat or A. M. Range. — Accommodation required for the Wallerawang and Penang Overseas and an additional room to be added to the Range Office for the officers of Palghat Taluk.

4. Cochin and West Coast Canal or A. M. Range. — Accommodation to be provided by the arrangement ordered in G. O. No. 1476 of 3rd February.

I have the honor to be
Sir,

Your Most Obedt Servt.

A. M. Lacey Captain

Up. District Engineer, Malabar

1/6

No. 57

MALABAR DISTRICT ENGINEER'S OFFICE,
Calicut 11th November 1873.

FROM,

THE DISTRICT ENGINEER

MALABAR.

TO,

THE Inspecting Engineer
Civil and Military Buildings

SIR,

With reference to your Circular N^o 635 dated
14th June last, and G.O. N^o 1459 dated 2nd June 1873, I have the
honor to forward Plans and Estimates amounting to Rupees
4353-00 for the following accommodations required
as Overseers sheds and Offices

- * 1 Plan Estimate of Overseers' shed at Kannanood 910. . . .
- * 1 Ditto Ditto Korumnood 829. . . .
- 1 Estimate for Tiling Overseers shed at
Tellicherry 354. . . .
- 1 Plan and Estimate for additions to Pal-
ghant Range Office 600. . . .
- * 1 Ditto Ditto Malloranaad Ponany 1660. . . .
- Total Rupees 4353. . . .

910
830
1740
1660
435400
855

1660

I have the honor to be,

Sir,

Your most obedient Servant;

A. Bailey Captain
Ag. District Engineer, Malabar.

20 Malabar N^o 838725 July 1873.

From
The District Engineer
Malabar
To
The Inspecting Engineer
for Buildings
N^o 13

Dated 15th July 1873
Recd. 18th July 1873
In N^o 23 July 1873
Enclo^{se} 2

+ 2 Enclo^{se} 3/10/74
Reports on the
accommodation for
Overseers Office & Store
in Malabar &
forwards plans of
a building proposed
for officers for Talug
Overseers in his Dist^{ct}.
G.O. no: 202.22-3-74.

N 498

2/6

Estimate of the probable expense for putting a tiled roof on the Store Room attached to the Oversee's Office at Telicherry and filling the Oversee's Office

Measurement	Supl. Cost	Rate	Quantity of work	Amount of work	Remarks
No 2 13 8	Cost. Cost.				
2 19 8" 10"	19.11		Roofing the Store Room.		
2 6 8" 10"	16.8		See beams		
2 11 4" 5"	13.2		King post		
2 5 3" 4"	10.10		Principal rafters		
15 5" 8"	14.2		Struts		
4 18 4" 7"	14.2		Bridge beam		
100 3" 4"	14.2		Wp rafters		
35 26 1/2	18.11		Wall plate		
	928		58-79 Gt. of wood work brought up to top 14. 00 72-10-00		
	1360		Roofing with rafters, prepared		
			Nails & single joints	18. 00 167. 81	
			Roofing Oversee's Office		
40 36	1360		Roofing with tiles & chumans	6. 00 81 97	
			Total	321 53	
			Superintendent	10. 00 32. 10 50	
			Total Estimate	354. 00	

Approved & signed
5 September 1893

M. Barclay Captain
Executive Engineer
Malabar

134
Filed
Oversee's
Office
at Telicherry
14 November 1893

Checked
7-11-93

the
with single
and joining
Captains
Malabar

[Faint, illegible handwritten notes at the top of the page, possibly bleed-through from the reverse side.]

6647-864 20-9-14
 802709-22-9-14
 1340498-499

Estimate for the probable cost of constructing an additional ground to the Range Office Building
 at Palghat and Palghat Range Malabar District.

Measurements	Contents	Particulars	Rate	Amount	Total	Remarks
2 1/2 x 3 1/2 x 1 1/2	1	Foundations to New Building				
48 3/4 x 2 1/4 x 3	1	Do to Steps				
3 1/2 x 2 1/4 x 3 1/4	1	Basement to New Building				
48 3/4 x 1 1/2 x 1 3/4	1	Steps				
3 1/2 x 2 1/4 x 1 1/6	1	Superstructure				
48 3/4 x 1 1/4 x 9 3/4	1	Total cubic feet				
3 1/2 x 1 1/4 x 5 3/4	2	Reduced for windows				
3 1/2 x 1 1/4 x 7 1/4	1	Do for 1 door				
4 x 1 1/4 x 1 1/8	1	Flat and wood for one window				
4 x 1 1/4 x 1 1/2	3	Do for 2 windows & 2 doors				
10 1/2 x 10 1/2	1	Total deductions cubic feet				
98 3/4	1	Total C.F. of brick masonry and deductions	14.00	13783		
28 3/4	1	Total C.F. of flat and wood and deductions	15.00	436		
46 3/4 x 9 3/4	1	Plastering inside all round				
57 3/4 x 9 3/4	1	Do outside all round				
52 3/4 x 1 1/4	1	Basement all round				

152

147 119

2 1/2	1 1/2	2	6 5/8	Ends of steps	
20	1 1/4	2	50	Sides steps and sill of window	
17 1/2	1 1/4	2	44 3/8	Sides and soffits of door	
			1152 5/16	Total square feet	
7 1/4	3 1/2	2	47 3/8	Deduct for door both sides	
5 3/4	3 1/4	4	76 3/4	do for window	
			121 3/8	Total Deductions square feet	
			1030 1/2	Total square feet Plastering less deductions	2099
7 1/2	3 3/4	2	41 1/8	Door	
			13 1/16	Door bottom including bolts, hinges, knobs, eyes, etc.	12
5 3/4	3 1/4	1	13 1/16	to complete	Each 2400
				Glazed window including bottom shutters, etc.	18
				to complete	Each 1800
17 1/4	8	9	8 7/8	Beam	
70	6	6	17 1/2	Wall plate throughout	
6 3/4	9	3	28 1/16	King posts	
16	3	9	3	Ridge piece	
10	9	9	39 3/8	Wooden posts on three sides	
67	9	6	25 1/8	Breastmures throughout	
			968	Total C. ft. of woodwork wrought & put up	1400 76
25 1/2	2 1/2	2	109 1/4	Roofing	
				Roofing cloth sides	
			1483 1/2	Total square feet of roofing including rafters	
				Prepar and parties to complete	1400 1490
15 1/2	15 3/4	1	240 3/16	Flooring	
				Flooring the floor with "Bucks" with 4" brick jelly underneath	14 67
				Excavating foundation with turking	
				Landings & superintendence about 10 ft. front	53.5
				Total Estimate Budget	6000

No. 3 or Palghat Range Office
 Palghat 8th September 1893

[Signature]
 Officer in Charge
 Palghat Range

M. Barclay Esq.
 Ag. Dy. Eng. in Charge
 11th November 1893

Examined & checked

* Re 600--

Specification to accompany the Estimate for constructing a room proposed to be added to the Palghat Range office as office accommodation for the Oversee in charge of the Palghat Taluq in Palghat Range Malabar District.

Masonry. Bricks to be of the best kind procurable at Palghat. Churn in the same. Proportion for mortar - 2 sand, 1 Churn, to be well pounded together.

Plastering One Churn, one sand - 2 coats

Roofing To be of the usual high Panchis at Palghat, with rafters 5" x 3" placed 1 1/2' from centre to centre, Ropers 3/4" thick. The rafters, Wall plates, Braces, mers, and posts of verandah to be of good timber, seasoned and without flaws

Doors & Windows. Of the pattern now existing in the Range office

Flooring do do

On completion of the work the site to be left in a clean condition.

N. M. of Palghat Range Office
Palghat. 8 - September 1873

H. P.
N. M.
Officer in ch. D. P. W.
Palghat Range.

No. 2902-22-9-74
11/13/74 498-499

Specification for Constructing Overseers Offices
in the Cherikal and Noroombanad Taluqs.

The whole of the masonry to be of picked
Latterite laid in mortar composed of 1 of Lime to
2 of sand well beaten, Walls above and Basement to
be plastered with one coat of plaster 1 of lime 1 1/2 of sand

Floor to be of 2 Coats of Chunam plaster 1 of
Lime to 1 1/2 of sand to be used, resting on a coating of
gravel well beaten

Roof to consist of a Ridge Beam 8"x5" resting
on the Centre gable and supported at ends in the centre
of each room by a King post 6"x6" resting on a Beam
12"x10" over the Ridge Beam will come rafters 5"x3"
2 feet apart from Centre to Centre Pipers 2"x1"
three inches apart and single pantiils. The ends of
the Roof over the Rooms to be hipped. The hip-
- Rafters to be 7"x4". Wall plates 5"x3". Summers
for Verandah 7"x5".

The Doors to be Batten, 1 Inch thick with Frames
5"x4". Iron Hooks and Hinges 2 Iron Bolts 8 Inches long
and an Iron Cross Bolt with Padlock and key to each

Windows to be Batten 1 Inch thick, Frames 4"x4"
Centre bar of Frame 4"x3" with Iron Hooks and

8-0-2702-22-9-44
in 13. 112498493

Chakrabarti Outpost

Polypent 2 Taluqs

Estimate for the probable

cost of constructing and

additional services to the

charge of post building

at Polypent

8-0-2702-22-9-44

R. Bailey Captain
 Dy District Engineer Malabar

General S. S. 35. p. 1548/1749
 Estimate of the probable cost of constructing the reservoir shed in the Welleramaad and Pannang
 village. Palgiant Range Malabar District.

Date	Particulars	Contents	Measurements			Remarks
			L	B	A	
	Foundations including basement					
	Front & rear walls of rooms and rear wall of back verandah	1317 1/2	3			
	End wall	176 1/2	2			
	End wall	50 1/2	1			
	Retaining walls in front of front verandah	102 1/2	3			
	At ends of verandah	47 1/2	2			
	Columns in front	48	4			
	Superstructure					
	Front and rear walls of rooms and rear wall of back verandah	528	3			
	Part of above of front and rear wall of room	167 1/2	2			
	End wall	267 1/2	2			
	Chimney wall	133 1/2	1			

Hinges and Iron
Doors and
Lute to be

work

Rannanor Range

5 November 1908

14	3 1/4	2 1/2	1	✓ 26 1/2	Gate to cross wall
1 1/2	1 1/2	6 1/2	4	✓ 56 1/2	Pillar
				✓ 192 1/2	Total C. ft.
					<u>Deductions</u>
4	9/4	6	3	✓ 5 1/2	1908
3	3 1/4	4	6	✓ 5 1/2	Windows
5	3 1/4	1 1/2	3	✓ 16 1/2	Flat arch over door
4	3 1/4	1 1/2	6	✓ 27	1900 over windows
				✓ 157 1/2	Total deductions
				✓ 177 1/2	Total C. ft. of Lute and Chimney
				✓ 143 1/2	deductions
					Total C. ft. of flat arch work as per above
					<u>Deductions</u>
					Plastering
56	12 3/4	2	1120		Room inside all round
30 1/2	7 3/4	1	234 1/2		Front of front
22 1/2	5	1	111 1/2		1900 above
20 1/2	7 3/4	1	222 1/2		Back of front
22 1/2	5	1	111 1/2		1900 above

1500 265 134 ✓
1700 77 1/2 ✓

28 1/4	7 3/4	1	222 1/2		Inside of front - Lute and
6 3/4	7 3/4	2	106 1/2		Article 3 holes of building
76 1/4	7 1/2	1	578 1/2		Side & top of door
16 1/4	3 1/4	3	36 1/2		Side & top of door
14	3 1/4	6	63		Side & top of door
6	6 1/4	4	158		Pillar all round
12 1/2	7	1	124 1/2		Room inside all round
			338 1/2		Total Lute & ft. of Plastering
					<u>Deductions</u>
4	6	6	144		Both sides of doors
3	4	12	144		Windows both sides
			288		Total deductions Lute & ft.
			309 1/2		Total Lute & ft. Plastering less deductions
					<u>Woodwork</u>
44 1/2	3 1/4	3 1/4	25		Bedroom
15 1/2	1/2	3 1/4	11 1/2		Parlour
15	1/3	1/4	2 1/2		Cell plates to front and rear wall of room
75	1/3	1/4	6 1/4		to end and rear wall of building
			145 3/4		Total O. ft. of Woodwork

28 1/2 66 1/2 77 1/2 44 1/2

252

140 1/4 56 1/2

Hinges and Iron
Doors and
Sills to be
work

Rannanah Range
5 November 1873

4	2	6	3	Doors & Windows	1200	Each	36	✓
4	2	6	3	Doors panelled including bolts hinges &c completed	1200	Each	36	✓
3	1	4	6	Windows Rotten including bolts hinges &c completed	500	Each	30	✓
165	20	2	665	hooks eyes &c completed				
165	20	2	670	Roofing				
				Front Sills				
				Sills				
			1335	Total 46 ft. Roofing including rafters prepared parties to complete	1400	Sq. ft.	186	144 ✓
				Flooring				
13 1/2	13 1/2	2	36 1/2	Roof				
28 1/4	6 1/4		176 1/16	Plank Venetian				
2 3/4	6		166 1/2	4 post Venetian				
			707 2/16	Total 1900 feet flooring with slatted in Chum 4 1/2 thick	500	Sq. ft.	356	✓
				Excavations				
14 1/2	19 1/2	3	1757 5/16	Excavation of walls				
2 1/2	2 1/2	3	156 1/4	Pillars				
3 1/4	2	3	187 1/2	Retaining walls				
			1001 1/16	Total 1000 ft. of Excavations	1000	Sq. ft.	629	✓
				Excavation of Superintendence				
				Total Estimate Superintendence				
				For two Sheds one in Company and one in Hallamian	1660	Sq. ft.	1660	✓

No 3 or Palghat Range office
Palghat 11th October 1873

[Signature]
Officer in Ch. of P. & R.
Palghat Range

M. Bailey Esq.
Esq. of Engineer's Office
11th November 1873

Cannons Range
5 November 1901

Specifications accompanying the Estimate for the probable cost of constructing Greenest Sheds in the Mullaanaad and Pannaney Taluqs.

Masonry—Lakrite Stones to be of the dark and hard kind
18" x 9" x 4½" after being dressed. Mortar 2 sand
1 Chumam

Plastering — Two coats. First coat $1\frac{1}{2}$ sand 1 chumau second coat 1 to 1.

Woodwork—To be of Ercol barinatto or Ercumbagum well seasoned, free from shakes & flaws

Roofing — Tiles to be of the best as regard clay and burning size as large as procurable, but as round and as deep as possible, to prevent drip-brain.

Flooring—Of Laterite stone in Chinam stones of same kind and dimensions laid on a hard firm base.
(Mortar, 2 Sand 1 Chinam).

Excavations. Foundations.—According to the nature of the soil.
Side.—After the completion of the work the side to be left in a clean condition.

No 3 or Palghat Range office
Palghat 11th October 1893

1st Lieut. Ranges
 2nd Lieut. Ranges
 Estimate of the probable cost
 of constructing a main
 in the full line and
 forming bridge.
 In B. 1004 498-499
 Cash R. 1660-
 G.O. 2702-22-9-49

To the Hon. Secy of the Interior
 Civil & Military Building

See letter of 5/7 dated
 11th of November 1893
 from the Hon. Secy of the Interior
 to the Hon. Secy of the War
 re: Military Building

Estimate for
 Constructing a large
 shed at Cannon

Amount of Estimate \$1739
 G.O. 2702-22-9-49
 In B. 1004 498-499

1911

*Amount of Each & Explanation
of this one - expected
Article Work*

Christine
with her Valley Breeder of Danmores.

Carries forward

Roofing		Srought forward	
1	2	23 1/2	21
1	2	15 1/2	10
Front and rear p		940	
Lands		310	
Total Roofing with Rafter, pures & 18... Sq		1250	
Woodwork			
D.C. Beams			
2	15 1/2	10	
1	29	5	
1	117	3	
2	5	6	
1	15	5	
1	43 1/2	2 1/2	
Total Woodwork wrought & put up		14	9th
D.C. Beams			
3	6	4	
1	6	4	
3x2	4	6	
6x2	3	4	
Total Painting		288	
Encasing for D.C. & pelling on			
Total			
Sundries			
Total Estimated Purposes		910.00	

Quantity	Description	Unit	Price	Total
14	Construction of Chimney and Siding	sq ft	274.12	3837.28
1	Plaster in Churn	@ 28.00	28.00	28.00
1	Plastering	@ 3.00	3.00	3.00
1	Flooring	@ 3.00	3.00	3.00
1	Roofing	@ 3.00	3.00	3.00
1	Cellar work and put up	@ 3.00	3.00	3.00
1	Doors and Windows Complete	@ 3.00	3.00	3.00
1	Windows	@ 3.00	3.00	3.00
1	Painting	@ 3.00	3.00	3.00
1	Excavating foundation & filling in	@ 3.00	3.00	3.00
	Total			3837.28
10	Lumber & Superintended	@ 75.00	750.00	750.00
	Total			829.00
	Grand Total Estimate			1739.00

Dannanore Range Officer
5th November 1873

5th November 1873

R. Hawley

Executive Engineer, Madurai.

A. A. H. H.

*Ag District Engineer Walter
H. Brownlee*

[illegible]

Public Govt Dept

Proceedings of the Board of Govt

Read the following
Letters from District Engineer Malabar
to Inspecting Engineer for Buildings
No. 13 of 15th July 1873 and No. 57 of 11th Dec

His Excellency
Governor in Council
sanctions an annual
sum of Rs 850 per
for 4 offices require
for the overseers
of the gunnery
Coornmbranad
Gallovanad and
Ponany Saloot
in Malabar. But
directs that pillars
1 1/2 ft square be
inserted at the corners

M
2/14

Three are of course officers
not residences or travel
accommodation. 100
bun pile office

and in the middle
of the walls to strengthen
them; to meet the extra
cost of which the
size of the rooms
shall be reduced
from 14 to 12 feet
square. Provision
of Rs 3,400 has been made
in the Budget of
195-56.

The estimates of
Rs 600 for an addi-
tion to the Range
office at Palghat
in account of the increase
of that Salook; and
that of Rs 354 for tilting
the Tellicherry Overseer's
office are also sanc-
tioned. Funds will
be

be provided when
available. G.M.W.

To the D. C. Malabar,
Controller
S. Capri dated 29/9/74

Letter No. 1345
Govt. of Madras.
PUBLIC WORKS.

To

Mr. D. S. S. S.
Malabar

Dated

Recd.

Encl. 9

G. O. 22 Sept. 74, No. 2712

Nos. 698-699.

Revenue Offices - Malabar

Rs. - An average sum of
Rs. 850 each for 4 Offices
required for the Revenue of
the Communes (Communes)
Rs. required at certain
Talooks sanctioned with
remarks; ~~the~~ provision of
Rs. 3,400 to be made in
the Budget of 1875/76. The
Estimates for an addition
to the Range Office at Palghat
for tiling the Jellichery
Revenue Office also sanctioned
and