M.R.O. 1—77,004—8-6-37.

(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. 3554 Press —Mis—

633-634

Dated 28. 11. 1865.

Not to be folded or roughly handled

Proceedings of the Madras Government, Public Works Department, 23th November 1865.

Read the following papers :—

No. 633. From the Superintending Engineer, 7th Division, to the Secretary to Government, Department Public Works, dated Calicut, 30th September 1865, No. 141.

In the programme of the Police Department, works as per abstract statement herewith submitted were entered for execution in Malabar in season 1865-66.

2 Plans.
3 Estimates.
1 Abstract do.

And it was supposed that the allotment of Rupees 5,000 would cover their entire cost, together with that of completing the huts at Sultan's Battery. But the latter item, sanctioned in G. O. No. 2,120 of 22nd July 1865, amounted to Rupees 876, leaving only Rupees 4,124, for works, the estimates of which now submitted for sanction, amount to Rupees 6,977; out of which Rupees 89 having been laid out in 1864-65, Rupees 6,888 remain to be provided for, which necessitates the debit of Rupees 2,764 to the allotment of next year, as specified in detail in the abstract above-mentioned. I can suggest no saving in the estimates, save perhaps in the items of plastering and flooring with jelly in chunam, for which pointing and white-washing and jelly in mud might be substituted. But experience has shown that it is false economy to attempt cutcha work in a climate like that of Wynad. Although portion of the work must be debited to 1866-67, it is intended that all shall be completed before the monsoon of 1866.

Forwarded, through the Police Department, for formal approval and counter-signature of the plans and estimates.

Abstract Estimate of Police buildings proposed to be constructed in the North Wynad Range, Malabar District.

No.	Description of Works.	Amount of Estimate.	Expended in 1864-65.	Proposed expenditure in 1865-66.	Proposed expenditure in 1866-67.	Remarks.
		Rs.	Rs. A. P.	Rs.	Rs.	Rs. A. P.
1	Constructing a bungalow and out-house for the Police Inspector at Manantoddy.	1,285	.....	785	500	Estimates herein detailed 6,977 0 0
*2	Do. a Police Station-house at Periah.	635	.....	635	...	Deduct expenditure of 1864-65 ... ... 89 2 0
*3	Do. do. at Bawally.	635	89 2 0	546	...	
†4	Do. Head Constable's hut at Luckady	534	.....	534	...	6,887 14 0
†5	Do. do. at Vythery...	534	.....	534	...	Completing huts at Sultan's Battery 876 0 0
†6	Do. Deputy Constable's do. at do. ...	380	.....	...	380	
†7	Do. a range of two Constables' do. at Luckady...	566	.....	566	...	7,763 14 0
†8	Do. a range of 7 do. at Vythery...	1,764	.....	524	1,240	Allotment of 1865-66... 5,000 0 0
9	Plastering and roofing two do. of four do. each at Manantoddy...	614	.....	...	644	Deficit ... 2,763 14 0
	Total... ...	6,977	89 2 0	4,124	2,764	

* 2 and 3.—Sanction of G. O. No. 825 of 25th March 1865, to be cancelled as insufficient.
† 4 to 8.—To be substituted for the similar buildings sanctioned in G. O. No. 614 of 6th March, which could not be undertaken.

(Signed) G. W. WALKER, Lieut.-Col., R. E.,
Superintending Engineer, 7th Division.

CALICUT,
30th September 1865.

(Signed) W. ROBINSON,
Inspector General of M. Police.

MADRAS,
8th November 1865.

E. No. 2,178.

(Signed) W. ROBINSON,
Inspector General of M. Police.

MADRAS,
8th November 1865.

Referred to the Judicial Department.

(Signed) CHARLES A. ORR, Colonel, R. E.,
Secretary to Government, P.W.D.

FORT SAINT GEORGE,
10th November 1865.

No. 634. Memorandum from the Chief Secretary to Government, Judicial Department:—

(Here enter 16th November 1865, No. 440.)

No. 635. ORDER THEREON, 28th November 1865, No. 3,584.

CIVIL WORKS, No. 91.

1. The Governor in Council sanctions the estimates, amounting in the aggregate to Rupees 6,977, for the construction, &c., of the Police buildings particularized in the statement submitted with the foregoing letter.

2. The Superintending Engineer reports that Rupees 4,124 are available from the Police allotment for the Malabar District; but he has evidently lost sight of the appropriation* (Rupees 31) for the Police huts at Poodoopaudy. Deducting this amount, the balance at the Superintending Engineer's disposal is Rupees 4,093, which may be expended upon the buildings provided for in the estimates now sanctioned.

*See paragraph 28 of G.O. No. 1,868, dated 4th July 1865.

3. The sanction accorded to the undermentioned works in the Proceedings of Government, marginally noted, and the appropriation (Rupees 411) made in paragraph 28 of G. O. No. 1,868, dated 4th July 1865, for the Station-house at Bawally will be considered cancelled:—

No. 614, 6th March 1865.
„ 825, 25th do. „

						Rs.
Two Constables' huts at Vythery...	...	...	...	...	...	383
Head do. do do.	...	...	...	...	...	238
Five do. do. do.	...	...	...	...	...	889
Four do. do. do.	...	...	...	...	...	657
Police Station-houses at Bawally and Periah	...	...	...	...	...	1,000

(True Extract.)

(Signed) CHARLES A. ORR, Colonel, R. E.,
Secretary to Government.

To the Superintending Engineer, 7th Division.
„ Accountant General.
„ Controller of Public Works Accounts.
„ Judicial Department.
„ Inspector General of Police.
„

Exd. S. T. Augustin.

No. 4440 Judicial Department. 57

MEMORANDUM.

The Chief Secretary has the honor to return the letter noted in the margin, together with the Plan and Estimate which accompanied it for the construction of Inspectors' Bungalow Station houses, and Constables' Huts at certain stations in North Wynad, and to inform Colonel Orr that he sees no objection to the Plans—

From the Supg Engineer 7th Division - 30th Sept 1865. No 141.

Fort St. George,
16th November 1865.

G. J. Cumberland
Chief Secretary.

The Secretary to Government,
Public Works Department.
with Letter & 6 Enclosures

Superintending Engineers Office
7th Division

No 1111.

Calicut 30th September 1865.

7+

From

The Superintending Engineer
7th Division

To

The Secretary to Government
Department Pub: Works

Sir.

In the programme of the Police Department, works as per Abstract Statement herewith submitted were entered for Execution in Malabar in Season 1865-66. And it was supposed that the Allotment of Rs. 5,000 would cover their entire cost, together with that of completing the Huts at Sultan's Battery. But the latter item, sanctioned in G.O. No. 2120 of 22nd July 1865 amounted to Rs. 876, leaving only Rs. 4124 for works the Estimates of which now submitted for Sanction, amount to Rs. 6977; out of which Rs. 89 having been laid out in 1864-1865, Rs. 6888 remain to be provided for; which necessitates the debit of Rs. 2764 to the Allotment of next year, as specified in detail in the Abstract above mentioned. I can suggest no saving in the Estimates, save perhaps in the items of plastering and flooring with jelly in chunam, for which pointing and white-washing, and jelly in mortar might be substituted. But Experience has shewn that it is false economy to attempt Cutcha work in a climate like that of Wynaad. Although portion of the work must be debited to

Enclosures.
2 Plans
3 Estimate
1 Abstract Do.

To 1865 Deptt
Secy to Govt for Sawr
No 4583

Memo: from the Chief Secy to Govt Pub. Deptt
Dated 16 Nov 65
Rec'd 17

No 4611
Due Plan and Estimate returned
Dated 23-7-66.

Station that has no objection to the Plans & the Inspectors Bungalow Station-houses & Constables' huts proposed to be constructed at certain stations in North Wynaad in the Malabar District.

No 6834

2q 3584-28-1000-65

to 1866-67 it is intended that all shall be completed before the Monsoon of 1866-

I have the honor to be

Sir,

Your most Obdt. Servant

Lieutt Colt. RE

Superintending Engineer 1st Dn.

Forwarded through the Police Department for formal approval and countersignature of the Plans and Estimates-

E. N° 2178.

Sept. 1865.

Chief Office of the Insptr. Genl. of Police Madras 8th Nov. 1865.

Inspector General of Police

Rec.d 1st Aug.t 1865 at 9 A.M.

Rep.t to the Judicial Department.

Chas.d A. Bn.

Col. R.E.

Sec.y to Govt. P.W.D.

Fort St. George
10.th Nov./65.

1865 Dept
Judicial
From
The Superintending Engr.
1st Division
To
The Secretary to Govt
Depart.t Pub. Works

Dated 30th September 1865.
Rec.d 10 Noor "

M 4082/65

No. 1161

4 Enclosures & 2 plans
One Plan & Estimate returned 23-7-66
No 249.

Forwarding certain Plans and Estimate for Police buildings in Malabar

1363

Dt 21 11 65.

No. 3584 - 28th Nov./65.

Estimate of Police buildings proposed to be constructed in the Northern Division of Malabar District.

Abstract

No.	Description of works	Amount of Estimate	Expenditure up to 1864-65	Expenditure 1865-66	Proposed Expenditure 1866-67	Remarks
1	Constructing a Bungalow and out houses for the Police Inspector at Tellicherry	1785		580	580	
2nd	Do. a Police Station house at Cannanore	635		350	350	
3rd	Do. Head Constable's hut at Cannanore	534		1240	1240	
4th	Do. Do. at Tellicherry	534		644	644	
5th	Do. Deputy Constable's hut at Cannanore	382				
6th	Do. Do. at Tellicherry	586				
7th	Do. 4 Cottages for Peons at Cannanore	1766				
8th	Do. Do. at Tellicherry	644				
9	Constructing and repairing 2 Out houses at Chowkies					
	Total	6977		2814		

Estimate for constructing 1 Bungalow and out houses at Tellicherry for the Police Inspector at a cost of Rupees 1785 - 0 - 0

Estimate for constructing 1 Police Station house at Cannanore at a cost of Rupees 635 - 0 - 0

Estimate for constructing 1 Head Constable's hut at Cannanore at a cost of Rupees 534 - 0 - 0

Estimate for constructing 1 Head Constable's hut at Tellicherry at a cost of Rupees 534 - 0 - 0

Estimate for constructing 1 Deputy Constable's hut at Cannanore at a cost of Rupees 382 - 0 - 0

Estimate for constructing 1 Deputy Constable's hut at Tellicherry at a cost of Rupees 586 - 0 - 0

Estimate for constructing 4 Cottages for Peons at Cannanore at a cost of Rupees 1766 - 0 - 0

Estimate for constructing 1 Cottage for Peons at Tellicherry at a cost of Rupees 644 - 0 - 0

Estimate for repairing and constructing 2 Out houses at Chowkies at a cost of Rupees 225 - 0 - 0

Total Rupees 6977 - 0 - 0

Remarks

Allowed 1865-66 3584 - 0 - 0
Deduct Estimate 6977 - 0 - 0
Balance Rupees 3393 - 0 - 0

Remarks

Allowed 1865-66 3584 - 0 - 0
Deduct Estimate 6977 - 0 - 0
Balance Rupees 3393 - 0 - 0

(3) A

In a letter No 141 dated
30th Sept 1865.

From
The Supdg Engineer
Fyzabad

To
The Secy to Govt
of Bengal

Marginal

PW 4583/65
PW 4439/65

Abstract Estimate
of Police buildings
proposed to be Constructed in the
Fyzabad Cantonment
Rs 4583
Sd 4439.

Malabar District. No 37 & 38 of 1865/66. E.

North Wynaad Range.

Revised Estimate of the probable expense of constructing Police Station houses at Bawally and Periah.

Measurement L.	B.	D. or H.		Description of work.	Rate. Rs.	Amt. of each particls.	Amt. of work.	Explanation of the necessity &c.	Remarks.
74'	2'	2½'	u.	370. Foundation to principal walls					
11½	2'	2½'	u.	57½ Do to cross walls					
15½	2'	2½'	u.	77½ Do to front verandah					
10'	2'	2½'	u.	50. Do to side Do					
74'	1¾'	1'	u.	129½ Basement to principal walls					
11¾	1¾'	1'	u.	20½ Do to cross walls					
15½	1¾'	1'	u.	27 5/16 Do to front Verandah					
10½	1¾'	1'	u.	18 3/16 Do to side verandah					
4½'	1½'	7'	u.	47¼ Pillars.					
6'	1½'	1½'	u.	13½ 2. Steps					
				810½ C. ft of burnt brick in mud @.	15	u. u. 100 C ft	121 7/16	u.	
74'	1½'	7'	u.	777/756. Principal walls above.					
12'	1½'	7'	u.	126. Cross walls above.					
24'	1½'	2'	u.	72 2. Gables.					
				954 C. ft of burnt brick in Mortar @.	15	u. u. Do	146 4	u.	
96'	2'	u.		192. u. Plastering to basement all round.					
80'	7'	u.		560. u. Do to principal walls.					
65'	7'	u.		455. u. Do to inside.					
24'	7'	u.		168. u. Do to cross walls.					
18'	7'	u.		126. u. Do to Verandah pillars.					
48'	2'	u.		96. u. Do to Gables.					
				1597. u. 15/16 C. ft of plastering with chunam @.	4	u. u. 15/16	04		
12.	6.	u.							
12.	8.	u.		312. u. Do or 3½ Sq of flooring with brick jelly inches	4	u. u. Do	12 8		
12.	12.	u.							
70'	10½	u.		735. u. Do or 7½ Do of Roofing with rafters,					
				reepers and pan tiles @.	20	u. u. Do	146 10 8		
50'	1'	½'	u.	12½ Wall plates.					
14'	1'	½'	u.	3½					
30'	5"	7"	u.	7 7/12 4. Breast Summers.					
				23⅓ C ft of timber wrought & put up @	1	12 u. Do	40 13 4		
6'	3'	u.	u.	1. Door with iron bars halfway down @	25	u. each	25 u. u.		
6'	3'	u.	u.	1. Batten door complete @.	18	u. u. Do	18 u. u.		
4'	3'	u.	u.	2. Do Windows with wooden bars &					
				Shutters @.	10	u. u. Do	20 u. u.		
3'	2'	u.	u.	2. Wooden frames for sky lights @	4	u. u. Do	8 u. u.		
2½'	½'	½'	u.	10. Iron bars for sky lights @.		8 u. Do	5 u. u.		
				2. Pad locks @.	1	8 u. Do	3 u. u.		
112'	3'	3'	u.	1008. C. ft or 37⅓ Cy yds of Earth work @.		u. 4 C yds	9 5 4		
				Sundries @ 2½ per Cent.			14 9 8		
				Total for one building.			635 u. u.		
				For two buildings.			1270 u. u.		

North Wynaad Range office.
Manantoddy. 19th September 1865.

This Office of the Inspector of Police Canara & Wynaad 1865.

Thos. Robinson
Insp. of Police.

Thos. Robinson
Insp. of Police.

Karl V. Mordmann
Superintendent North Wynaad.

Dated 1865-66.

(3) Malabar District.

From The Officer in charge of North Wynaad Range

To. The Superintending Engineer, Southern Division

Dated September 1865.

Rec'd 3/10/38 9/12/65 7/12/65

No. [illegible].

Annual Estimate of the probable cost of constructing Police Station houses at Baviali and Periah

Amt for each Rs 635-0-0.

40 8 3

For Rs 1270/0/0

Sd/- [illegible]

for 2/12/65

Copy for Office Use

No. 36 of No. 65/66.

Estimate of the probable cost of constructing a Bungalow and out houses for the accommodation of the police Inspector of Manantoddy — North Wynaad Range. Malabar District.

Measurement				Description of work.	Rate.	Per.	Amount of each article	Amount of each work.	Explanation of the necessity &c &c	Remarks.
F.	B.	D.								
				Bungalow						
62.	2½.	2½.	..	387½ Foundation to principal walls						
34.	2.	2½	..	170. Do: to partition Do:						
20.	2½.	2½	..	125. Do: to porch						
62.	2.	1.	..	124. Basement to principal walls						
34.	1½	1.	..	57. Do: to partition Do:						
20.	2.	1.	..	40. Do: to porch						
62.	1½	6.	..	558. Principal walls above						
34.	1.	8.	..	272. Partition walls above						
3.	2.	10	..	60. Chimney						
12.	1½.	1½.	..	27. 2. Porch pillars						
				1814½						
				225½. Deduct for openings.						
				1589. Cubic feet of burnt brick in mud @	16	.. ..	100 C.ft.	254 3 ..		
		14½.	..	Squares of plastering with chunam @	5	.. ..	Sq.rs.	72. 8 ..		
		13.		Do: of roofing with country tiles reps & tiles @	22	.. ..	Do:	286		
		5½.		Do: of Flooring with brick jelly & chunam @	5	.. ..	Do:	27 8 ..		
6.	4.	..	..	1. Glazed Door complete @	30	.. ..	Each	30		
6.	3.	..	..	5. Panelled Do: Do: @	15	.. ..	Do:	75		
3.	2½.	..	..	7. Glazed Do: Do: @	10	.. ..	Do:	70		
60	⅓	⅙	-	3½. lb. gt: of wal plates @	1	8 ..	Cwt.	5	for roof.	
				2. Pad locks	2	.. ..	Do:	4		
				30. Cub. ft: of excav: Foundation @		4 ..	Cft.	[illegible]		
				Sundries 5 per Cent				15		
				Cow & Horse Stable						
59.	2½.	2½.	..	362½. Foundation principal walls						
21.	2.	2½.	..	105. Do: to Cross walls						
58.	2.	1.	..	116. Basement to principal walls						
22.	2.	1.	..	44. Do: to Cross walls						
58	1½	6.	..	522. Principal walls above						
13.	1.	9½	..	123½. Cross walls above						
10.	1.	11.	..	110.						
				1383.						
				117. Deduct for openings.						
				1266. Cub. feet of burnt brick in mud @	16	.. ..	C.ft.	202 9 ..		
		12.	..	Sq.rs of plastering with chunam @	5	.. ..	Sq.rs	60		
		5.	..	Do: of roofing with pattern reps & tiles @	22	.. ..	Do:	110		
		2½.	..	Do: of flooring @	6	.. ..	Do:	11		
6.	3.	..	..	2. Batten doors complete @	10	.. ..	Each	20		
3.	2½.	..	..	2. Do: Windows @	5	.. ..	Do:	10		
1½.	1.	..	..	1. window frame with bars & fixing @	2	.. ..	Do:	2		
60.	⅓.	⅙.	..	3⅓. Wall plates						
6.	½	⅓.	..	1. Breast Summers						
				4⅓. lb. gt: of Jungle wood wrought & put up @	1	8 ..	Cwt.	6 8 ..		
				20. Cubic yards of excavation Found: @		1 ..	Cft.	6		
				Sundries @ 2½ per Cent				7 11 ..	435	
				Total.				1285		

North Wynaad Range office.
Manantoddy 12th September/65.

I certify that the Estimate is correct.
Executive Engineer.

Approved.
Superintendent of Police.

Sanctioned.
Secretary to Government.

Approved.
Superintendent of Police.

Sanctioned.
Secretary to Government.

Kard. Workmanship
Superintendent North Wynaad Range

Copied
Mr. Officer's Statement

12

Civil Works

Public Works Department

No 3584

Proceedings of the Madras Government
Under date the 2nd November 1865

Read the following

Memorandum from the Chief Secretary
to Government Judicial Dept.
Fort St. George 16th November 1865. No 440

From the Superintending Engineer
of the 7th Division

Forwarding certain Plans
& Estimate for Police Buildings
and Quarters for Police Officer at
Mailabar.

The Governor in
Council sanctions the
estimates amounting in
the aggregate to Rs 6,97"
for the construction of
the Police Buildings
at the
Mentioned in the
Statements submitted
with the foregoing Letter

The Superintending
Engineer reports that
4/24 are available from
the Police allotments

Rec'd 18.11.66.

Malabar District.

(3)

From. No 4083 /65

The Officer in charge of
North Wynaad Range.

To.

The Superintending
Engineer 7th Division.

Dated 12th September 1865.

Rec'd 1865.

No. 236 of 65/66

Estimate of the probable
cost of constructing a Range
and out house
Law, for the accommodation
of the Police Inspector of
Mananthoddy.

Amt. of Estimate Rs. 1285—0.

Range Road No. 2nd Pass
No 634 No 2419

for the Malabar Dist=
=rict; but he has evidently
lost sight of the appro=
=priation (Rs. 31) for
the Police huts at Poodoo=
=kaudy - Deducting this
amount the balance
at the Superintending En=
=gineers disposal is
Rupees 4093, which may
be expended upon the
buildings provided for
in the estimates now sanc
tioned

The Sanction accord=
=ed to the undermentioned
works in the Proceedings
of Government marginally
noted and the appropriation
(Rs. 411) made in para
28 of G.O. No. 1868, dated
4th

* See para 28 of G.O. 1868 d/4th July 1865.

!!

6th. 6th March/65
825. 25 — —

4th July 1865, for the Police
House at Bawally will
be considered cancelled

Two Constables huts at Vythery — 383
Head Constable huts — at — Do — 238
Five Constable huts — at — Do — 889
Town — Do — Do — at — Do — 65 7
Police Station House at Bawally
and Periah — 1000

To
7 The Superintr 1st Div.
3 " Asst Engr
4 " Controller
11 " Judicial Depository
6 " Superintt of Police

41
6

Dest. 29th November

P W 1866 Dept

Pres. of Govt for Govs

No 3564

Pres. of the Algoas

D/ 28 Nov 66

Police Buildings & Lay-yard

Range - & Approving of estimate amo-
-unting to Rs 6,977 for the cons-
-truction of - & cancelling the order
Authorizing for the erection of
certain buildings of the same
class in other parts of the Malabar
District

No 600 @ 605