

(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. 67	Press
140-42	Mis.
Dated 8	1866 .

Not to be folded or roughly handled

*Proceedings of the Madras Government, Public Works Department,
8th January 1866.*

Read the following papers:—

No. 140. From the Superintending Engineer, 7th Division, to the Secretary to Government, Department Public Works, dated Cannanore, 30th November 1865, No. 190.

With reference to G. O. No. 3,249 of 14th November 1864, I have the honor herewith to submit estimates for constructing quarters for—

1 Plan.
1 Estimate No. 60 of 1865-66, Rupees 42,500.
1 Do. „ 61 of do. „ 6,300.

1 Apothecary at Ootacamund.
3 Do. Wellington.
1 Do. Kotagerry.
3 Dressers at Ootacamund.
2 Do. Wellington.
1 Do. Coonoor.

The former to be on the usual Standard Plan, and to cost Rupees 8,500 per quarter. The latter on the plan herewith forwarded with the countersignature of the Principal Medical Officer on the Neilgherries, and to cost Rupees 1,050 per quarter. Corresponding entries have been made in my Office copy of the Budget for 1866-67.

Referred to the Public Department, with reference to the Orders in that Department, No. 1,256, dated 2nd November 1864.
FORT SAINT GEORGE, (Signed) CHARLES A. ORR, Colonel, R. E.,
5th December 1865. Secretary to Government, P.W.D.

No. 141. Memorandum from the Chief Secretary to Government, Public Department:—
(Here enter 15th December 1865, No. 482.)

No. 142. ORDER THEREON, 8th January 1866, No. 67.

MILITARY WORKS, No. 4.

* 5 Apothecaries' quarters at Rupees 8,500=
Rupees 42,500.
6 Dressers' do. at „ 1,050=
Rupees 6,300.

1. The Government approve of the two estimates of Rupees 42,500* and 6,300 respectively, submitted with this letter, for the construction of quarters for the Medical Subordinates employed on the Neilgherries.

2. The Superintending Engineer will be requested to bring these works forward at some future time, as no provision can be made for them in the Budget for 1866-67.

(True Extract.)

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

To the Superintending Engineer, 7th Division.
„ Controller of Public Works Accounts.
„ Public Department.

Exd. S. T. Augustin.

Carried forward

60	13	1/4	945
			3533 1/2

General No. 60 of 1865-66

(Detailed Estimate No. 45 of 1865-66
 Nilgerry Range
 Coimbatore District.

3

Work - Constructing Quarters for second and assistant Apothecaries with out-offices on the Nilgheries as per standard plan

Particulars	Measurement			Contents
	S.	B.	D.	
Foundation to Principal walls	78	2 $\frac{1}{2}$	3	643 $\frac{1}{2}$
do to Verandah	170	2 $\frac{1}{2}$	3	1402 $\frac{1}{2}$
do to 6 th Prop wall	52 $\frac{1}{2}$	2 $\frac{1}{2}$	3	433 $\frac{1}{2}$
Basement of 2 ^d	78	2	2	312 1
	170	2	2	680
	57	2	2	228
Principal walls	78	1 $\frac{1}{2}$	16 $\frac{1}{2}$	1930 $\frac{1}{2}$
Verandah walls	106	1 $\frac{1}{2}$	10	1590
6 Prop walls	60	1 $\frac{1}{2}$	13 $\frac{1}{2}$	1215
				8434 $\frac{5}{8}$
				862 $\frac{5}{8}$
educt for openings left Bricks in the d.	12	1 $\frac{1}{2}$	8	7572
8 Pillars				144
Steps				90
				234
				195
Plasterwork in Chunnam				
Roofing with timber & trapes rafters Bamboo	56	46		2576
ridge & mate nails flat and Pan Tiles				6600
Plastering with 2 coats of Chunnam				1600
Flooring with timber slabs joists plank & screws				64
Granite steps				
Excavating foundation & filling the Basement	4	7 $\frac{1}{2}$		4
Half pannelled and half glazed doors	4	7 $\frac{1}{2}$		4
Pannelled doors	3 $\frac{1}{2}$	6 $\frac{1}{2}$		1
do do	3 $\frac{1}{2}$	5		7
Glazed windows				
for room and Godown.	139 $\frac{1}{2}$	3	2 $\frac{1}{2}$	1046 $\frac{1}{4}$
Foundation	131 $\frac{3}{4}$	1	2	263 $\frac{1}{2}$
Basement	27 $\frac{3}{4}$	16	1 $\frac{1}{4}$	555
Walls above	55 $\frac{1}{2}$	10	1 $\frac{1}{4}$	693 $\frac{3}{4}$
	60	13	1 $\frac{1}{4}$	975
				3533 $\frac{1}{2}$
Carried forward				

steps Brought forward

Product for openings
Left Brick in Mud.

Archwork in Chumam
Circular arch work in Chumam
Cornice work in Chumam
Roofing with Tenwood rafters Bamboo rafters
Matsurais flat span tiles Chumam ridge & bridges
Plastering with on coat of Chumam
Flooring with Square bricks in Chumam
Flooring with Brick gelly in clay
Masonry fireplace
Excavating foundation & filling in basement
Butter door
Glazed windows
Ventilator over the Roof

Product
Foundation
No. of Inverse wall
Basement
Wall abutment
2 gable end
Inward wall

Product for openings
Left Brick in Mud

Flat archwork in Chumam
Cornice work in Chumam
Roofing with Tenwood rafters Bamboo rafters
Matsurais flat span tiles Chumam ridge & bridges
Plastering with on coat of Chumam
Flooring with 8" Square Bricks in Chumam
Excavating foundation & filling in basement
Butter door
Tenwood masonry flat including masonry work

3533 1/2

9

3542 1/2

314 1/2

3228

55

234

257 1/2

54

33

80

3638

600

340

140

1

123

64

140

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

1

Quantity	Description of charges	Rate	Amount	Amount of each part.
1159 1/2	Left Brick in Mud	24	2783 1	
234	Left Brick in Chumam	40	93 10	
257 1/2	Left Flat Archwork in Chumam	40	103 2	
54	Left Circular archwork in Chumam	46	15 2	
33	Left Cornice work	15 1/2	32	
80	Left Roofing	50	1819	
3638	Left Plastering with 2 coats of Chumam	8	528	
600	Left Floor	6	205 13	
340	Left rough flooring with Tenwood rafters 8" x 8"	85	1360	
140	Left flooring with Square Bricks in Chumam	20	84 10	
1	Left granite in Chumam	60	40 3	
123	Left flooring with Brick gelly in clay	6	8 6	
64	Masonry fireplace	20	20	
140	Excavating foundation & filling in basement	52	52	
1	Butter door	50	200	
1	Glazed windows	50	300	
1	Ventilator	40	40	
1	Tenwood masonry flat	20	80	
1	Butter door	25	175	
1	Glazed windows	50	50	
1	Ventilator	18	72	
1	Tenwood masonry flat	10	10	
1	Tenwood masonry flat	20	20	809 15 1/2
	Sundries &c			408 1
	Total for one at Portacumund...			8500
	Total for 3 at Wellington and 1 at Kishore...			34000
	Grand Total			42500

Executive Engineer Office
N. K. Singh
Portacumund 4/11/100. 1865

Wasson Major
Executive Engineer

Amulker Jy
Superintendent

C. 11061 of 1865-66
 Detailed Estimate No 47 of 1865-66 Civil
 Nilgerry Range
 Coimbatore District 9

No. 482

MEMORANDUM.

The Chief Secretary has the honor to

From shipg. Aug 27th return the letter noted in the margin, together
 Dec 27 30 to Nov 1866 with the Plan and Estimate ^{two} which accompanied
 N. 190 it for the construction Quarters for the

it for the constructing Quarters for the
Medical Subordinate on the Nile River,
and to inform Colonel Orr that he sees no
objection to the Plan.

Fort St. George,
15th December 1865. }

G. J. Constant
Chief Secretary.

To

The Secretary to Government,
Public Works Department.

with letter, plan & 2 estimates.

8-59-79

7-19

9-59-65

4-99

2-55-79

~~6-43~~

53-7

4-29

308. 5781

Standard 42070-24/25
10/10/53

Marriage from the
Chief Clerk to Govt
Public Depts.

Dec 15th } Dec 16th
 Dec 15th }

C. 4. N. 482
One Plant. Turna Little suff.
Dec 7. Dec. 16. 7. 66

Intimating that
he sees no objection to
the plan of the Quarters
proposed to be constructed
for the Medical Subordinates
in the Neilyberries.

8264-9th January 1866.

20th Dec 1865 to 3rd Jan 1866

New work ^{Est. no. 1 of 1865-66} Detailed Estimate No 47 of 1865-66 Civil
 Nilgerry Range
 Coimbatore District 9
 Work Constructing Quarters for 3 Officers
 at Otacamund and 2 at Wellington

	Measurement			Contents
	L	B	H	
Foundation to long walls	117	2-6	3	877 1/2
do to cross walls	70	2-6	3	525
Basement to long and cross walls	187	2	1-6	561
Walls above	187	1-6	10-6	2945 1/4
Gables	91	1-6	2 1/6	2953 1/4
Foundation to chimney	12	1-0	3-0	36
Basement to do	12	1	1-6	18
Chimnies above	12	1	15	180
do do Roof	6	2	3	36
Walls in the verandah	11	3/4	8-6	70 1/2
				55450
Deduct openings				203 1/2
Left Brick in Mud				5342
Foundation to Pillars	58	2-6	3	438 3/4
Basement do	55	2	1 1/2	175 1/2
Pillars above	10-6	1-6	6	94 1/2
Basement end walls	11	-6	3/4	4 1/2
Steps	24	2	2	96
Left Brick in Chunam				808 1/2
<u>Plastering</u>				
Outside	143	10-6		1501-61
do	22	8-6		188
Inside	240	10-6		2520
Gables inside and outside	161	2 1/6		348-80
Chimnies above roof	24	3		72
Pillars	42	6		252
Total Sfft Plastering with Chunam				4882 1/3
<u>Roofing</u>				
Sfft Roofing with rafters purlins & bords	60	26		1560
Battened Doors	2-6	6		
Windows glazed	2-6	3		96

Abstract of Detailed Estimate no 47 of 1865-66

Quantity	Particulars of Charges	Price	Rate	Amount	Total
5342	6ft Brick in Mud	24	Rs 100	6ft 1282	1
808	do Brick in Chunan	40	do	323	86
4882	6ft Plastering with Chunan	8	Rs 100	6ft 390	9
1560	do Roofing with rafters				
	Purlins Bamboo reapers				
	Bamboo Mats and	50	do	780	
	Pantiles complete				
96	Battened Doors	18	each	162	
	Windows glazed	10	do	60	
	Sundries @ 5 per cent			2998	1/2 0
				151	14/8
Total for 3 Quarters at Cotacamund					3150 0 0
Do for 2 Do at Wellington					2100 0 0
Do for 1 do at Coonoor					1050 0 0
Amount of Estimate Rupees					6300 0 0

Executive Engineer's office
Cotacamund
4th November 1865

W. H. M. M. Major
Executive Engineer
W. H. M. M. Supdt.

Specification of Sundry works required to be done in Constructing Quarters for Prepers at Cotacamund Wellington and Coonoor
Amount of Estimate Rs 6300-0-0
The Building is to be of Brick and Mud on a Basement of 1 1/2 foot above foundation which are to sunk 3 feet the walls are 10 feet in height Plastered inside and outside with Chunan and Roofed with rafters Purlins Bamboo Reapers Bamboo Mats and Pantiles
The Quarters for 3 Prepers at Cotacamund is to be in one block and contains two rooms of 10x8 to each quarters as shown in plan the floors are to be of local wood planking. Braund's Clay
Executive Engineer's office *W. H. M. M.* Major
Cotacamund Executive Engineer
4th November 1865

No. 190.

Supg. Engrs. Office 7th Div.
Cannan, 30. Nov. 1865.

From
Lieut. Colonel G. W. Walker R.E.
Supg. Engineer 7th Division
To
Colonel C. A. Orr R.E.
Secretary to Government (P.R.E.).

Sir,
With reference to L.O. No. 3249 of 14.7.1864 I have the honor herewith to submit
Estimates for Constructing Quarters for
1 Apothecary at Cotacamund —
3. — — — — Wellington —
1. — — — — Kolasgherry —
3. (Prepers) at Cotacamund —
2. — — — — Wellington —
1. — — — — Comor. —

The former to be on the usual stand and
Plan at Cost Rs. 8500 per Quarter. The
latter on the Plan herewith forwarded with
the countersignature of the Principal Med-
ical Officer on the Nilgherries, and to
Cost Rs. 1050 per Quarter. Corresponding
entries have been made in my Office
Copy of the Budget for 1866-67.

I have the honor to be
Sir,
Your most obed^t Servant
G. W. Walker Lieut. Col. R.E.
Supg. Engineer 7th Div.

Incls: 3.
1 Plan -
1 Est. No. 60 of 1865.
- do. Rs. 42500.
1 do. No. 61 of do.
- do. Rs. 6300.

Inclusive No. 190 of
30 Nov. 1865. from
the Supg. Engrs. 7th Div.
to the Secy to Govt R.E.
Enclaves

5722
1865/65

Col. G. W. Walker
Supg. Engineer 7th Div.
Cannan. Constructing Quarters
for the Apothecary at Cotacamund
and the Prepers at Cotacamund.
Estimated Rs. 42500. do.
Estimated Rs. 6300. do.
Rs. 48800
No. 190

Public Works Department

no. 67

Proceedings of the Madras Government
January 1866

Under date the 8th Nov 1865
Read the following
From the Sup^r Engineer
of the Division
Forwards for sanction
Plan and Estimates for Quarters
for Medical Men on the Nil-
gherries.

From the Chief Secretary
to Sec^y Public Dept

16th Decr/65 - " 1862

The Government approve
of the two estimates of Rs. 42,500
+ 6,300, respectively, submitted
with this letter for the construction
of Quarters for the Medical
Subordinates employed on the
Nilgherries.

The Sup^r Engineer will
be requested to bring these works
forward at some future time
as no provision can be made
for them in the Budget for 1867.

To The Deputy Sec^y
Controller
Public Dept

Secy 9th January

Approved to the Cal.
Department with reference
to the order in that Dept.
= sent. 21/12/56. 27/2/57
November 1864.

1865-66
Sub. to the Commission of 1865
of the Sup^r Engineer
The Deputy Sec^y 1865
to the Sec^y of the Public Dept
Madras.

Approved to the Cal.
Department with reference
to the order in that Dept.
= sent. 21/12/56. 27/2/57
November 1864.

20th Decr 1865
22-190
22-190
22-190

Approved to the Cal.
Department with reference
to the order in that Dept.
= sent. 21/12/56. 27/2/57
November 1864.

1865-12-65

22-190 - 8th January 1866

22-190 - 8th January 1866

Wm. D. Webb
Sept 1866

Robt.
Pres. of the M. G. A.
27 January 1866

[illegible]

Directors for the Medical
Educational employed
on the Midwives,
Gambato District - the
estimate amounting to
£1,100 for the
construction of - a building.

No. 140. 142

20th Dec 1865. W. 2nd May 1866.

c. 2 on ~~Dec~~ 1865 On Jan, 1866 -