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MADRAS RECORD OFFICE

Government of Madras

Public Works DEPARTMENT

G.O. No.	2149	Press
B.P. No.		Mis.
Dated	26. 7.	195- 1875

Not to be folded or roughly handled

*Proceedings of the Madras Government, Public Works Department,
26th July 1875*

Read the following papers —

No 700 From Captain J L L MORANT, R E, District Engineer, Nilgiris, to Lieutenant-Colonel J MULLINS, R E, Officiating Secretary to Government, Public Works Department, dated Ootacamund, 26th May 1875, No 124

I HAVE the honor to address you, with reference to Public Works G O, No 551, of the 26th February last, on the subject of hutting the Company of Sappers on these Hills

2 I find that by hutting men at Wellington and at Kotagerry, the number for whom additional quarters must be built, may be reduced to thirty-five according to a statement received from the Officer Commanding the Company, which is attached

3 The estimate which is attached and marked A amounts to Rupees 12,147

4 But if a block of lines containing fifteen huts between Burnfoot Lake and Lawrence Asylums, now in possession of that institution, could be given up (as I believe it could) for the use of the Sappers, the estimate would amount to Rs 7,272 as per estimate marked B

5 In the event of Government sanctioning either of the above estimates, I presume that on the relief of the present Company which leaves the Hills in September, Government would have no objection to allow the present arrangement to continue until the new lines were built.

6 Hoping Government will be pleased to sanction such arrangements as shall result in the retention of a full Company of Sappers and Miners on these Hills

IMPERIAL—MILITARY—NEW WORK

NEIGHERRY DISTRICT

ABSTRACT ESTIMATE, No 70 OF 1874-75

WORK —Constructing Lines for twenty Sappers at Lower Norwood at Ootacamund

Quantity	Particulars	Rate			Per	Amount.			Total
		RS	A	P		RS	A	P	RS
5,617	Cubic feet of brick-in-mud ..	24	0	0	100 C ft	1,348	1	3	
310	Do of brick-in-chunam ...	40	0	0	"	124	0	0	
40	Squares of plastering	10	0	0	Square	400	0	0	
62	Do of pointing	6	0	0	"	372	0	0	
41	Do of roofing with teakwood shingles, carpenters' hire, and nails, &c ...	30	0	0	"	1,230	0	0	
22	Squares of flooring with mud, well rammed ...	2	0	0	"	44	0	0	
880	Square feet of doors and windows	2	0	0	S foot	760	0	0	
379	Cubic feet of teakwood wrought and put up	4	0	0	C foot	1,516	0	0	
	Continuous iron ridging					100	0	0	
	120 Pegs 1' x 1" x 1" and 20 corner shelves					300	0	0	
	Excavating foundations ...	...				20	0	0	
						6,214	1	3	
	Sundries ...	...				285	14	9	
	Total ...	...				...			6,500

Proceedings of the Madras Government, Public Works Department,
26th July 1875

WORK —Constructing Lines for twenty Sappers at Lower Norwood at Ootacamund —(Concl)

Quantity	Particulars	Rate	Per	Amount	Total
	<i>Latrines</i>	RS A P.		RS A P.	RS
19	Cubic feet of teakwood wrought and put up	4 0 0	C foot	76 0 0	
7	Sheets of corrugated iron, 6 feet	3 8 0	Each	24 8 0	
6	Do do 7 feet for roof	4 0 0	"	24 0 0	
6	Do do 8 feet	4 8 0	"	27 0 0	
52	Iron bolts and nuts	0 3 0	"	9 12 0	
7	Iron straps with bolts and nuts	3 0 0	"	21 0 0	
1	Corrugated iron screen with frame			10 0 0	
46	Square feet of asphalt flooring including trough	75 0 0	Square	34 8 0	
14	Cubic yards of excavating foundation	0 4 0	C yd	0 6 0	
	Sundries			227 2 0	
				12 14 0	
	Total ..			...	240
	A similar one			...	240
	<i>Bath Rooms</i>				
245	Cubic feet of brick-in-mud	24 0 0	100 C ft	58 12 0	
54	Squares of plastering	6 0 0	Square	33 0 0	
64	Square feet of asphalt flooring	75 0 0	"	48 0 0	
	Excavating foundations	...	"	0 8 0	
	Sundries			140 4 0	
				5 11 3	
	Total ..			146 0 0	
	Add for 1 similar one			146 0 0	
				...	292
	Total			...	772
	Grand Total			...	7272

Ootacamund,
9th December 1874

(Signed) J. L. L. MOPANT, Captain, R.E.
District Engineer, Nilgiris

Proceedings of the Madras Government, Public Works Department,
26th July 1875

TRANSFERRED to the Public Works Department

(Signed) D. F. CARMICHAEL,
Officiating Chief Secretary

No 701

ORDER THEREON, 26th July 1875, No 2,149

MILITARY WORKS, No 20

THE question of providing accommodation for the Company of Sappers employed on the Nilgiri Hills having arisen in consequence of it being necessary for some of the men to vacate the old police lines near the Lawrence Asylum, the Officer Commanding Sappers brings to notice that eighty-seven men are now employed and housed at Wellington, Coonoor, Kotagerry, Mettapolliem and Coonoor Ghaut, leaving forty-two men for whom accommodation is required at Ootacamund

2 It appears that five men can be housed at Lower Norwood, and that, if the sick are treated at the Civil Hospital, the services of the Hospital Assistant and Sweeper can be dispensed with, and there will then be only thirty-five men to provide for

3 The District Engineer, Nilgiris, has proposed to utilize a block of fifteen huts between Burnfoot and the Lawrence Asylum (to which it has been ascertained the Asylum Committee have no objection), and to build accommodation for twenty men at a cost of Rupees 7,272

4 The Quartermaster-General will be instructed, through the Military Department, to inspect the block of huts proposed to be taken over, and, if the site is considered suitable, the District Engineer's proposals will be approved

5 The District Engineer should submit a site plan showing the position of the huts taken over and those to be built, and should also explain if any expenditure is necessary to adapt the buildings at Lower Norwood for guard-room, store-room, and place-of-arms. If the huts are in the neighbourhood of the Asylum good-water channel, care should be taken to protect it from contamination

6 The Honorable the Governor in Council is of opinion that the sick should be, if possible, treated at the Police Hospital, and not at the Civil Dispensary

7 There are no funds available for the work at present, if possible, funds will be allotted later in the year.

(True Extract)

Major, R.E.,

Offg. Joint Secretary to Government

To the District Engineer, Nilgiris
" Commissioner of do
" Military Department
" Controller of Public Works Accounts

Ed F. C. Shunker

Spore Copies

No 700A Endorsement of the Officiating Chief Secretary, dated 13th July 1875.

From J. R. COCKERELL, Esq., Commissioner of Nilgiris, to the Honorable D. F. CARMICHAEL, Officiating Chief Secretary to Government, Fort St. George, dated Ootacamund, 10th July 1875, No 50

With reference to your endorsement of 4th June 1875, on memorandum from the Officiating Joint Secretary to Government, Public Works Department, No 50, of 3rd June 1875, inquiring whether certain huts on land within Municipal limits erected for the accommodation of the Artificers employed in building the Lawrence Asylum out of the Asylum Funds can be handed over for occupation by Sappers, I have the honor to report that the Committee of the Asylum state they no longer require the huts, and see no objection to their being put to the use proposed.

Works

No. measurement
& B.D contents

Particulars

— Detail & estimate No. 70 of 1874-75 —
— Kailherry District —
Constructing Lines for 20 Tappers at Lower
Korwood at Ootacamund

53	1.8	1.8	1.2	171.9	Foundation to Pillars
30	11.1	1.3	1.2	484.10	Do. for walls between Pillars
22	9.1	1.3	1.2	291.5	Do. Do.
53	1.5	1.5	0.42	39.10	Basement to Pillars
30	11.4	1.0	0.42	127.6	Do. to walls between Pillars
22	9.4	1.0	0.42	77.0	Do. Do.
11	1.2	1.2	10.6	157.2	Pillars
42	1.2	1.2	7.9	441.0	Do. Do.
10	11.7	0.9	10.6	910.0	Walls between Pillars
22	9.7	0.9	9.2	1449.5	Do. Do.
20	11.7	0.9	7.9	1346.6	Do. Do.
20	3.0	0.9	9.0	405.0	Chimneys
				5901.5	Total
				285.0	Deduct for Doors and windows
				5616.5	Total est. of Brick in mud.

20	3.0	0.9	1.6	67.6	Chimneys
20	3.0	0.9	0.42	16.10	Do.
20	3.0	0.9	5.0	225.0	Do.
				309.4	Total est. of Brick in Chimneys

1	131.8	26.6		3489.2	Roofing
1	131.8	4.6		592.6	Ventilator
				4081.0	Total Sq. feet
				241.0	Squares of Roofing with Peak shingles
					Carpenters Hire, Nails, &c.
20	11.6	9.6		2185.0	Total Sq. feet
				22.0	Squares of flooring with mud well
					rammed

40 Squares of Plastering

62 Squares of Pointing

132 13.3 0.4 2 0.2 136.78 Plaster
38 1318 0.2 2 0.1 86.104 Plaster
132 2.3 0.3 0.2 15.57 Plaster to Ventilator
132 1.6 0.3 0.3 12.46 Plaster
8 105.00 2 0.1 14.70 Supports to Ventilator
1 386.00 4 0.2 21.54 Wall Plate
287.45 Total
91.77 Wastage
379.00 Total

20 2.6 6.0 300.0 Doors
20 2.0 2.0 80.0 Windows
380.0 Total
380.0 Total sq ft of Doors and windows

Abstract of Estimate of 1870
Work. Constructing Lines for 203 apparatus
Particulars

Quantity	Particulars	Rate	Total
5617	6 ft of Brick in mud	24	134.808
310	do of Brick in mud	10	3.100
40	sq ft of Plastering	6	2.400
62	do of Pointing	10	6.200
41	do of roofing with Sealwood	12	4.920
22	do of flooring with Sealwood	12	2.640

Brought forward. 2515 13
380 sq ft of Doors and Windows 2 .. 3 ft 760 ..
379 6 ft of Sealwood wrought & put up 4 .. 24 .. 1516 ..
continuous iron ridges 100 ..
120 Pegs 1212 and 20 Corner shelves 300 ..
Excavating foundations 20 ..

Total 6214 13
Furniture 285 1/2

Total Estimate Paper 6500 ..
Cost of each Hat 77 ..
325 ..

Cost of each Hat 77 ..
325 ..

The Building consists of 20 huts 12 x 10, each hut to be provided with a door, window & a chimney, walls to be 9" thick of brick in mud, pointed inside & plastered outside. Pillars to be 1 foot 2 inches square. Flooring to be of mud well rammed. The whole Building to have a shingle roof with a ridge Ventilator.

District Engineer's Office
D. Macmillan
9 December 1870
J. Macmillan
Capt. R. B.
District Engineer

Estimate No. 69 of 1874-75

Leekberry District

Work Constructing Latrines and 4 Ball rooms
to be attached to the proposed water line at Leekberry
Kilwood

No.	Measurements				Particulars
	Length	Breadth	Depth	Content	
5	8.0	0.3	0.4	3 4.0	Posts
3	7.6	0.3	0.4	2.4 6	Do
1	8.9	0.3	0.4	2.2 3	Do
3	6.0	0.3	0.2	0.11 3	Plasters
2	7.9	0.2	0.3	0.9 8 1/2	Purlins
2	25.0	0.2	0.1	2 1.0 6	Roatten inside
2	26.0	0.1	0.1	0.6 6	Do outside
2	7.9	0.1	0.1	0.1 1 1/4	Do over roof
9	2.6	0.3	0.2	0.11 3	Cross ties
				12.3 10 1/2	Total
				6.8 1 1/2	Wastage
				19.0 0	Total cft of teakwood wrought and put up
7					Shirts corrugated iron 6 ft 11 in
6					Do 10 ft 11 in
6					Do 11 ft 11 in
52					Iron bolts and nuts
7					Iron straps with bolts and nuts
1					Corrugated iron screen with frame
					46 39 1/2 ft of asphalt flooring including trough
					1 1/2 cfd Excavating foundations

1 3501.0 1.0 35.0 Foundation to walls
 1 35009 8.0 210.0 Walls above foundation
245.0 Total b/f. of Brick in mud

5 1/2 Squares of Plastering

6 1/4 3 1/2 ft. of asphalt flooring

Abstract Estimate Rs. 69 of 1874.
 Work. to construct 2 Latrines & 1 Bath room to be
 attached to the proposed Saffery lines at Lower Sor.

Quantity	Particulars	Rate per	Amount	Total
19	cft. of teak wood wrought and put up	4	76	
7	Sheets of corrugated iron 6 ft.	3 8	each 24 8.	
6	do do 7 ft. for roof	4	" 24	
6	do do 8 ft.	4 8	" 27	
52	Iron bolts and nuts	3	" 9 12.	
7	Iron straps with bolts & nuts	3	" 21	
1	corrugated iron screen with frame		10	
46	3 1/2 ft. of asphalt flooring including trough	75	34 8.	
1 1/2	cft. of excavating foundation	4	6	
	<u>Total Rs.</u>		227 2.	
	<u>Sundries</u>		12 1/2	
	<u>Total Estimate Rs.</u>		240	
	a similar one		240	
	<u>Carried over</u>		480	

Brought forward

480

245 cft. of Brick in mud 24 " 100 58 129
 5 1/2 Sq. ft. of Plastering 6 " 3 1/2 33
 6 1/4 3 1/2 ft. of asphalt flooring 75 " 48
 Excavating foundations " 8
Total Rs. 140 49

Sundries 5 1/2
Total Estimate Rupees 146 " 54
1 1/2 similar ones 438 " 58 1/2

Grand Total Estimate Rupees 1064 " "

Latrines are to be 6x6 of an ordinary kind with
 corrugated iron walls & roof - troughs to be
 2-0 x 1-0 x 1-0.

Bath rooms to be 8x8, thickness of walls 9" & 8 1/2 ft.
 of brick in mud & well plastered, flooring
 to be of asphalt, no roofing allowed.

District Engineer
 Officer of the
 19 Dec 1874

Account kept by
 District Engineer

Abstract Estimate (9)

. 1

35 Mulo at 325 Rs each
as per Estimate No. 70 } 11,375
2 Bath rooms & 2 Latrines — 772
Total Rupees 12,147

. B

20 Mulo at 325 Rs each
as per Estimate No. 70 } 6,500
2 Bath rooms & 2 Latrines — 772
Total Rupees 7,272

District Engineer's Office }
Recommended }
26th May 1875 }
J. M. M. }
Capt. R. }
District Engineer

79

127 S. 11

as per margin 129 >

"Pleasant
Charges" } 10-

July 60

for 60 men at Wallington
Haar - wide margin -
this leaves $129 - 60 = 69$
men still to be provided

Men as per margin are now
 employed & housed at
 Kotingheray, Baranacks and
 Cannoor Ghant, & Mettappallim -
 Supposing this to be a permanent
 arrangement, accommodation
 would only be required for
 $69 - 27 = 42$ men

Kotingheray 14
 Mettappallim 1
 Cannoor 1
 86.6 } 7
Total 27

In addition to this a Grand-Room,
 Store-Room, and Place of Rooms,
 would be required -

The art. buildings at "Lower
 Rowman", Antacumund,
 occupied by the Sappers, could
 however be easily altered so
 as to afford the necessary
 rooms for these purposes, and
 also quarters for 5 men -

10
 Should this be done, the
 accommodation required would
 be for $42 - 5 = 37$ men -

Sappers at Cannoor & Kotingheray
 are when sick treated in
 the Civil Hospitals at those
 stations - if a similar course
 were pursued with the men
 in Antacumund when sick,
 the services of the Hospital
 Assistant and Lady could be
 dispensed with - the
 accommodation required would
 then be for $37 - 2 = 35$ men -

I would suggest that a further
 deduction may fairly be made
 for men absent from
 Company Head Quarters, an
 "Sick Leave", & "an Command",
 at Regimental Head Quarters,
 & elsewhere -

During the time I have
been up here I have had
an average 5 men
absent.

It may I think be safely
assumed that any Company
succeeding mine on the
Hills will have an average
as many men absent from
their camps as mine has had.

Should this suggestion be
acted on the total
accommodation required will
be for $35 - 5 = 30$ men.

J. A. McIntosh
Capt. 3rd "E" Camp. Sappers & Miners

Ootacamund,

19th April 1875

11/3/75

COMMISSIONER'S OFFICE,

Ootacamund,

10 July

1875

No. 52

FROM

J. R. Cockrell Esquire

COMMISSIONER NILGIRIS.

TO

The Chief Secretary to Government
Ootacamund

SIR,

With reference to your endorsement of 4th June/
1875 in memorandum from the Offending Joint
Secretary to Government, Public Works Department
No 50 of 3rd June 1875 enquiring whether certain
acts on land within Municipal limits erected
for the accommodation of the artificers em-
ployed in building the Lawrence Asylum out
of the Asylum Fund can be handed over for
occupation by Sappers, I have the honor to inform
that the Committee of the Asylum state they
no longer require the site and see no objection
to their being put to the use proposed.

I have the honor to be
Sir
Your most obedient servant

W. C. Connelley

Commissioner

42

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July 10

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provided for. He states that the outbuildings at Lower Howard could be adapted for a Guard Room, Store Room, Place of Arms, and quarters for 5 men, and if the sick at Portacumund are allowed to be treated at the Civil Dispensary, as is done at Kotagerry, and borrow the services of the Hospital Assistant and Joty, can be dispensed with, so that there will be only 35 men to provide for.

The District Engineer, Melghiri, estimates the cost of building suitable accommodation for 35 men at Rs 12,147, but states that if a Block of line containing

I should wish the Lt. Col. General to inspect the proposed site. If found suitable I have no objection to the proposal.

17.7.

The necessity has arisen in consequence of the need for evacuation of the old Police lines erected near the temporary jail (now withdrawn) near the hospital. The sick old & possible to be treated in the Police Hospital. This leaving the public Hospital available for civil patients only. As all attend to the order of possible assign the money.

Md G/17.

containing 15 huts between Burnfort and the Lawrence Asylum (erected for the accommodation of the artificers employed on the Asylum buildings) are made available for Sapper Quarters the estimate will be reduced to Rs 7,272.

The Commissioner, Melghiri, states that the Committee of the Asylum see no objection to these huts being utilized as Quarters for Sappers.

The papers are! Don't show the necessity for the additional accommodation has arisen. As the funds are to be provided. There is no fund available for additional ground to L.H.D. if this is essential. Of course there can be no objection during any available existing accommodation. But the M.H.D. very expensive.

Dr.

Public Works Dept.

Proceedings of the Madras Government

Under date the 18th July

Read the following

From
The Dist. Engineer
Mylgherry } (No. 124 of 26th July 1875)

Commissioner of the
Mylgherry } (No. 50 of 10th July 1875)

through the City Mag
G. O. No. 249 of 26th July 1875

The question of
providing accommodation
for the Company of Sappers
employed in the Mil-
gherry Hills having
arisen in consequence
of it being necessary
for some of the men to
vacate the old Police

Lines

Lines near the Lawrence
Asylum, the Officer
Commanding Sappers
brings to notice that 87
men are now employed
and housed at Welling-
ton, Cornoor, Kotagheny,
Metapollen and
Cornoor Ghant, leaving
42 men for whom ac-
commodation is required
at Putacaminid.

It appears that
5 men can be housed
at Lower Norwood,
and that if the sick
are treated at the Civil
Hospital the services
of the Hospital Officer
and Sweeper can be
dispensed

dispensed with and
there will then be only
35 men to provide for.

The District
Engineer Verghies
has proposed to utilize
a block of 15 huts
between Burnfoot and
the Lawrence Asylum
(to which it has been
ascertained the Asylum
Committee have no
objection) and to
build accommodation
for 20 men at a cost
of Rs 7272.

The Quarter Master
General will be instruct-
ed, through the Military
Dept. to inspect the
block

block of huts proposed
to be taken over, and
if the site is considered
suitable the District
Engineer's proposals will
be approved.

The District Engineer
should submit a site
plan showing the position
of the huts taken over
and those to be built
and should also explain
if any expenditure is
necessary to adapt the
buildings at Lower
Norwood for Guard
Room, Store Room and
Place of arms. If the
huts are in the neigh-
bourhood of the Asylum
goal

22
17
14

good water channel,
care should be taken
to protect it from
contamination. 16

The Honble the
Governor in Council
is of opinion that
the sick should be
if possible treated
at the Police Hospital
and not at the Civil
Dispensary.

There are no funds
available for the
work at present; if
possible, funds will
be allotted later in
the year.

D.E. Nelson
Compt. " "
Muty. Lieut
Capt. M. M. M.

Sc. 1140 - 13.5.75

X. M. M.

For
by 23/7

3516
14835

Govt. of 1875 Madras

PUBLIC WORKS.

for order
11 2 5

Mr. Major
Milne

Dated

Recd.

Recd.

Recd.

o. 26 July 1875, No. 2149

for order 11 2 5

Nos. 700 701

Account of the Com.
mand of the Madras
on the Madras Hill.

Being orders on papers
in the subject of providing