MRO 1—10,006—28-2-50

(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.	1686	Press
B.P. No.		Mis.
Dated 5-7		6876. —195—.

Not to be folded or roughly handled

Read the following letters —

No. 47. From Captain J L. L MORANT, R E, District Engineer, Nilgiris, to Major-General G. W. WALKER, R E, Chief Engineer, Public Works Department, Madras, dated Ootacamund, 28th March 1876, No 93

I HAVE the honor to submit for sanction an estimate, which has received the approval of His Excellency the Commander-in-Chief, amounting to Rupees 371, for eighty-nine boxes for dry earth for use in the Wellington Barrack Latrines, Hospital and married quarters, for improving the ventilation of the female latrines attached to the married quarters, and for covering with wood the seats in the school latrine at Wellington

2 At present there is only one box for dry earth in each latrine This is considered insufficient, as the soldiers will not go so far from their seats to use the earth. It is proposed to put one box between every two seats.

3 The female latrines attached to the married quarters have one window less than the male latrines attached to the same It is proposed to add a window to each of the four female latrines attached to the married quarters, so as to make them as airy as those intended for the men.

4 The seats of the school latrine at Wellington are now of iron, too cold and unhealthy a material for the purpose It is proposed to cover them with wood.

No 47-A From Captain J L L. MORANT, R E, District Engineer, Nilgiris, to Colonel W. F FAREWELL, Officiating Deputy Chief Engineer, Public Works Department, dated Ootacamund, 11th April 1876, No 117.

WITH reference to your Memorandum, No 628, of the 3rd instant, I beg to state that the increased rate of 8 Annas per cubic foot for Teak wood wrought and put up is a mistake, it should have been 4 Rupees the cubic foot as the work is of an ordinary kind; a revised estimate* is herewith submitted.

* Rupees 370

No 48 ORDER THEREON, 5th July 1876, No 1,688.

MILITARY WORKS, No. 1

(a) *Heads of Service* —Imperial
Fund —Ordinary
Class —Original Works
Main head —Military
Sub head —Military Buildings Accommodation for general purposes
Name of Work —Improving latrines of the Wellington Barracks
Amount —Rupees 370
To be carried out by the Public Works Department

THE estimate of Rupees 370 for improving the latrines of the Wellington Barracks is sanctioned

2 Funds may be appropriated from the current year's Budget allotment for the Nilgiri District under Minor New Works, Military

3. This sanction has been registered as Imperial No 39 W of 1876-77

4 The attention of the District Engineer is called to the anomaly of charging an equally high rate for work that can be carried out with inferior timber and little

Cause for this reference. I hope you

or no wastage, as for work of a superior description. He will report what actual savings he may be able to effect in carrying out this sanction.

(True Extract)

(Signed) G W. WALKER, Major-General, R.E.,
Secretary to Government

To the District Engineer, Nilgiris
" Examiner of Public Works Accounts
" Military Department

District Engineer's Office
Ootacamund 5th June 1876

No. 178
From

The District Engineer
Nilghiries

To

The Offg Deputy Chief Engineer
P. W. Department
Madras.

Sir

I have the honor to acknowledge your Memo No. $\frac{I}{339}$ of the 2nd Instant and in reply beg to be allowed to inform you that I have not "nearly "doubled the number of Cubic Feet of "Timber required". The number of Cubic Feet in the first Estimate is 46 and in the 2nd 56. The increase is caused by a wastage of $\frac{1}{3}$rd. which was omitted in the 1st Estimate. The Timber supplied by the Forest Department here is so bad that the scantling cannot be obtained from the refuse wood. I beg to apologize for having given Cause for this reference. I hope you will

will be pleased with this explanation to pass the Estimate or to alter it in any way you may think fit.

I have the honor to be
Sir
Your most obdt. servt.
Jeremiah Grant. Captain R.E.
District Engineer

Revised Detailed Estimate No 9 of 1876-77

Neil Gherry District

Work:- Cost of Improving the Latrines at the Wellington Barracks

No	Measurements L	B	D	Contents	Particulars
					Deduct for Earth Closets
2	1-3	0-8	0-1	0-1-8	Sides of boxes
2	0-10	0-8	0-1	0-1-2	Ends of "
1	1-3	0-10	0-1	0-1-1	Bottom of "
				0-3-11	Total
				0-1-1	wastage
				0-5-0	Total cft of teakwood wrought and put up in each box
89				37-0-0	cft of Do pr 89 boxes in the Barracks of married quarters and Hospital
					Deduct for Female Latrines
2	4-3	0-4½	0-5	1-3-11	Top and bottom of Frame
2	3-0	0-4½	0-5	0-11-3	Sides of "
2	4-6	0-6	0-2	0-9-0	Lintel to each frame
				3-0-2	Total
				0-11-10	wastage
				4-0-0	Total cft of teakwood wrought and put up in each frame
4				16-0-0	cft of Do pr 4 frames
					Deduct for Seats
10	1-10	1-7	0-1	2-5-0	Tops of seats
				0-7-0	wastage
				3-0-0	Total cft of teakwood wrought put up in

Mem. I 339 92-6-76

P. W. 1876 Department

Rec'd 8 H.O. 76

From The Executive Engineer Neil Gherry

To The Offg Supdg Chief Engineer & Secy to Govt P.W. Department Rangoon

Dated 12th June 1876

Received 13th June 1876

Enclosure in Enclosure

Sir, I have the honor to forward herewith the Detailed Estimate No 9 of 1876-77 for the Improvement of the Latrines at the Wellington Barracks, Neil Gherry District, amounting to Rupees 339 as per margin.

2. The Estimate is framed in accordance with the Sanitary Commissioner's Circular No 2 dated 2nd July 1875 and is submitted for sanction.

I have the honor to be Sir Your most obedient Servant

Executive Engineer Neil Gherry

Dept. Ex. 1-7-76 P.W. Sanct. 86 June

O.K. Sanct. 86 June

Revised Abstract Estimate No = of 1876-77

Neilgherry District

Work Cost of improving the Latrines at the Wellington Barracks

Dy Engrs Office
Neilgherries
Ootacamund 11th April 1876

Jas Moorsom
Captain R.E.
District Engineer

Qty	Particulars	Rate	Per	Amt	Total
56	Cft. of Teakwood wrought and put up	4	"	Cft. 224	
40	Iron bolts	8	each	20	
4	Holes to be pierced in walls for window frames	2	"	8	
4	Fixing and making good brick-work around window frames	2	"	8	
89	Scoops for Dry Earth boxes	1	"	89	
				Total	349
				Sundries	21
				Total Estimate Rupees	370

The improvement in the Wellington Barracks Latrines will consist of the following works. One Dry earth box to be made for every two seats, the box to be 1-3" long, 10" wide and 8" deep to be made of 1" Teak Slabs, one scoop to be provided for each box; Female Latrines Married quarters to have an extra window made and fixed in each Latrine; The School Latrine to have a Teak wood top fixed on to the present Iron one, the wood to be secured on to the iron with flat headed bolts made for that purpose

B. 2226/20.

Revised Abstract Estimate No. 2 of 1876-77

Neilgherry District

Work - Cost of improving the Latrines at the Wellington Barracks

24	Personal Estimate No. 3 dated 11/4/76	Rate	Rs	Amt	Total
56	cft- of Teak wood brought and put up	4	"	cft	224 " "
40	Iron bolts	"	8	each	20 " "
4	Holes to be formed in walls for window frames	2	"	"	8 " "
4	Fixing and finishing good brickwork around window frames	2	"	"	8 " "
89	Scoops for Dry Earth boxes	1	"	"	89 " "
				Total	349 " "
				Sundries	21 " "
				Total Estimate Rupees	370 " "

Specification

The improvements in the Wellington Barracks Latrines will consist of the following works one dry earth box to be made in every two seats, the box to be 1-3" long, 10" wide and 8" deep, to be made of 1" Teak Slabs, one Scoop to be provided for each box; Female Latrines marked quarters, to have an extra window made and fixed in each Latrine; the School Latrine to have a Teak wood top fixed on to the present Iron one, the wood to be secured on to the Iron with flat headed bolts made for that purpose

Joseph Morrison
Captain R.E.
District Engineer

Dist. Engrs Office
Neilgherries
Cabacaund 11th April 1876

No 2226/12

District Engineer's Office
Cotacamund 11th April 1876

No 117

From

The District Engineer
Nilgherries

To

The Offg Dy Chief Engineer
Public works Depart.

Sir

With reference to your memo No 628 of the 3rd Instant, I beg to state that the mistake of 8 annas per cubic foot for Teakwood wrought and put up is a mistake it should have been 4 Rupees the c/ft as the work is of an ordinary kind, a revised Estimate is herewith submitted.

I have the honor to be
Sir
your most obdt Servant

[illegible] Captain R. E.
District Engineer

C.E. No. 628 d/ 3/4/76.

C E No. 339 d/ 2d June/76

Memo. No 628 d/8-4-76

Letter No. 93 dated 28 March 76
from the Dy. Collector
Hill Customs.

The District Engineer
Hill be pleased to
explain the necessity
of the Severance of Rate 18a
hereditaments
from Leaklood Wrongdale
and put up on this Estimate
and not over three lines
District Schedule of Rates
for 75:76.

J.A.
5.4-76.

Send this with the
Questions asked hereto
with pending Reply

Memo. 1876 from the District Engineer
Hill Station
No. 93/76
dated 28th March 1876
Received 5th April 1876
Enclosures—2

Submits a Petition of
Inhabitants of Leaklood
Wrongdale asking for
Severance of 62 Farms
which that Township
pays 8 annas per
Rupee of Annual
Collection from a Village

No 117 C

Cir 28-6-76 - Rtd 5-7-76
Despatched 20-8-76 & 31-8-76
V.R. Mun. 00 Omn

Read letter No 93 dated 2nd March 1876 from the Ch. Engineer Hereunder -

His Excellency the Governor in Council directs that the Sch. of Rs 371. for Improving the Latrines at the Barracks Hillsbury be paid out of the Local Fund -

The Cost of the Work to be debited from the Annual Grant for Minor Works -

Inspr

Engineer -

Draftsman

7.4.76

Ci 28-6-76 - Bldr 5-7-76

Accepted 20-5-76 & 31-5-76

C.R. 1 mile 0 furs

Read letter No 133 dated 20th March 1876 from the Ch. Engineer -

Hillsbury District -

Estimate for improving the Latrines at Wellington Barracks -

No.	Measurement Lo	B	D	Contents	Particulars
					Barracks
					Dry Earth Closets
2	1.3	-8	0-1	0.1.8	Sides of Closets
2	0.10	-8	1	0.1.2	Ends of Do
1	1.3	-10	1	0.1.1	1 Bottom of Do
				0 3.11	C ft Teakwood as in each Closet
			✓	29.0.0	Do for 89 Closets in the 4 Manned Quarters & 18 of Unmanned Quarters
					Windows Frames to 4 Manned Lo
					Manned Quarters
2	4.3	-4½	5	1.3.11	Sft 4 Sides of 2 Frames
2	3	-4½	5	0.11.3	Sides of Do Do
				2.3.2	C ft Teakwood
				0.8.10	add wastage
				3.0.0	C ft Teakwood for each Frame
				9.0.0	add for 3 more
			✓	12.0.0	Total C ft Teakwood wrought & Frames
2	4.6	.6	.3	0.5.0	Lintles for each Frame
				0.1.8	add Wastage
				0.6.8	C ft
				1.8.0	add for 3 more
				2.2.8	C ft Teakwood Lintles
					Wooden Seats for Closets
10	1.10	1.7	1	12.5.12	Sft to Cut

Abstract & Estimate of 2 Nos of 1876-77.

Shrubbery District

Work. Constructg. for Improving the Latrines

the Wellington Barracks.

Description of Work	Nos.	Breadth	Length	Total
Cft Teakwood for dry earth boxes	1	8.	Cft 130	14 .
Scoops for dry earth boxes	1	6.	Do 111	6 .
Cft Teakwood for window frames	1	8.	Cft 54	. .
Do for linings do				10 4.
Do for School latrine seats				10 2.
Iron bolts				11 4.
Holes to be pierced in walls for Window frames	8			20 . .
Fixing & painting wood work round frames	2		(-)	8 . .
Superintendence 1/16	2		(-)	8 . .
				353 8
				10 8
				343 8
				3 11 -

Specification

Amount of Estimate Rs. Three hundred & Seventy four Only.

The improvement in the Wellington Barracks Hospitals.

Latrines will Consist of the following works Rs.

One dry earth box to be made for every two seats the box to be 1'. 3" long 10" wide and 8" deep to be made of 1" Teak slabs; one scoop to be provided for each box.

Female latrine & married Quarters to have an Extra window made & fixed in each latrines.

The School latrine to have a door

wood 1 1/2 fixed in the place in the wood to be screwed on to the iron flat braced bolts made for the pu

District Engineers office
Wellington
Mysore 1876

Dist Engr

Offg Lt Colonel
Commandant Nilgiris

Brown
Mundahalli
Dec 3

Abstract Estimate No 83 of 1875-76

Sialkot Cantonment

Work. Cost of Improving the Latrines at the Wellington Barracks

Particulars	Quantity	Rate	Per	Amount	Total
29½ cft of Sal wood for dry earth boxes	4	8 -	cft	130 -	
89 Scoops for dry earth boxes	1	4 -	each	11 4 -	
12 cft of Sal wood for window frames	4	8 -	cft	54 - -	
2¼ Do for Gutters & Do				16 4 -	
2½ Do for School Latrine seats				10 2 -	
40 Iron Bolts				11 4 -	
4 Holes to be pierced in walls for window frames	2 - -	"	8 -	20 - -	
Fixing & making good Brickwork around frames				8 - -	
				360 4 -	
				353 8 -	
Superintendence 5%				17 8 -	
				10 12 -	
Total Estimated Rupees				371 - -	

Dist. Engineer's Office
Cantonment
Total Summed up
March 1876

Captain R.E.
District Engineer.

Pr 2313/76

Pistrict Engineer's Office

QUARTERMASTER-GENERAL'S OFFICE,
Fort Saint George, 23rd March 1876.

No. 2139

THE DISTRICT ENGINEER,
Wellington

SIR,

Enclosures 1
Accounting Sts 371 for
Boxes for drying earth
for use in the Latrines
of the Barracks, Hos
pitals & Married
Quarters and also for
Conforming the Ventilation
in those of the Married
Quarters & covering with
Wood the Seats in the
School Latrine at Wellington.

I HAVE the honor, by order, to return, with the approval of His Excellency the Commander-in-Chief, the ~~Plan and~~ Estimate received with your letter, No. 129 dated 20 March 1876 from the Officer Commanding Nilgiri Division.

I have the honor to be,
Sir,
Your most obedient Servant,

Lt. Colonel,
Quartermaster-General.

From

The Quartermaster-General,

Dated 187

No.

Returns with approval Plan and

Estimate received with letter dated

a division to each of the 4 Female Latrines attached to the married quarters, so as to make them as airy as those intended for the men.

4. The seats of the School Latrine at Wellington are worn out now, too cold and unhealthy a material for the purpose. It is proposed to cover them with wood.

I have the honor to be
Sir
Your most obedient
humble servant.
Captain R.E.
District Engineer.

Former Cases

Current No of 187

" "

" "

" "

" "

Later Cases

Current No of 187

" "

" "

" "

" "

A. Pellgrino.

Dis 28-6-76 Ltr 5-7-76

Dep to 5-7-76

From 1876 Deptt
The District Engineer
Tailghurhi
No A. 2313
The Chief Engineer
& Sy. Dept.
Madras
No 93.
Dated 28th March 1876
Received 30th "
Enclosures Nil

Subject
Latrines at the Wellington
Barracks — forwards
for Sanction an Esti=
=mate for improving
the.

M Works Form No 3

Current No 2313

From

The Dt Engineer
Neilgherry

No 93
Dated 28th } March 187 6
Recd 30

Chhugra No 628 dt 3-4-76

Subject — Forwards an Estte for improving the Latrines at the Wellington Barracks

Enclosures 3 Nos.

From to
" "
" "
" "

Orders and Proceedings in file.

Department.	No	Date	Endorsements		
			Department	No	Dated
P.W.D.	1881	30/4/76			
"	2573	20/5/76			

Chhugra No 2726 & 2313.

No 7/339

Memorandum.

Letter No 117 dated 11th April 1876 from the Dt Engr Neilgherries.

The Dt Engr with the above quoted letter submits a revised estimate for Rs 370 one Rupee less than the original one and although he has corrected the price of the Teak wood reducing it by 8 annas per cubic foot, he very nearly doubles the number of cubic feet of timber required and raises the cost from Rs 130 - 14 to Rs: 224; without further explanation on the subject which should be afforded at an early date the estimate cannot be sanctioned. It is also remarked from the scantling of timber to be used that much of it may be obtained from refuse wood.

Fort St George
2nd June 1876

Sd/ W. Farewell Colonel
Offg. Dy: Chief Engr PWD.

To The Dt Engr Neilgherries.

(a) Heads of Service— Imperial

Fund. Ordinary

Class Original Works

Main-head. Military

Sub-head. Military Buildings - Accommodation for General Purposes

Name of Work. Improving latrines of the Wellington Barracks.

Amount. Rs 370

To be carried out by the P.W.D. Department.

No 1603

8.4.6.

Prosecution of the Madras Govt

Under date the 5th July 96

Read the following:

From

The Dist. Engr Neilgherries (H.L. No 93 dd 28th March 96)

" do do " 117 " 11th April "

The estimate of Rs 370 for improving the latrines of the Wellington Barracks is sanctioned.

2. Funds may be appropriated from the current years Budget allotment for the Neilgherry Dist under Imperial Head Rs Military.

3. This sanction has been registered

as Imperial No 29b
of 1876-77.

19.5.76.

The attention of the Govt. of India is called to the manner of charging an exceedingly high rate for work that can be carried out with ordinary skilled labour, as for instance the repairs described herein. We are asked that the whole charges for the supervising officers in connection with repairs should be borne by Government.

47-48

2726 W
2313 W

Govt. of India.
PUBLIC WORKS.

To

The Secy. to Govt. of Madras

Dated

Rec'd Date

G. O. 5th July 1876 No 1088

Nos. 47-48

Improving Latrines of the Millitary Barracks

Estimate of Rs. 370 for ——— Sanctd

Estimate Rs 370
7-76