

- (1) Number of pages _____
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- (3) Initials of the Referencer _____

MADRAS RECORD OFFICE.

Government of Madras.

Public Works DEPARTMENT.

G.O. No.	512 57	(11)	Press
			Mis.
Dated	5-8		1877.

Not to be folded or roughly handled

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

3rd August 1877, No. 525 W.

Buildings and Roads.

Military Works.

Read the following paper :—

No. 22. From Major H. M. VIBART, R.E., District Engineer, Bangalore, to the Chief Engineer, Public Works Department, Buildings and Roads, dated Bangalore, 23rd July 1877, No. 96.

I HAVE the honor to forward, for the sanction of Government, two estimates for the undermentioned works :—

1. Raising the mud walls around the Horse Lines of A, 20th Royal Artillery in the Agram Barracks at this station, amount Rupees 870.
2. Providing stone flooring to the European ward of the Lock Hospital at this station, amount Rupees 210.
2. The estimates have been approved of by the Major-General commanding the Division and His Excellency the Commander-in-Chief.
3. The balance unappropriated out of the grant allotted for Minor New Works, Military, on this date is Rupees 694.

No. 23. ORDER THEREON, 3rd August 1877, No. 525 W.

THE estimates noted below aggregating Rupees 1,080 for raising the walls of the Horse Lines of the Royal Horse Artillery, and providing stone flooring to the European ward of the Lock Hospital at Bangalore, are sanctioned—

	RS.
1. Raising walls around the Horse Lines, Royal Horse Artillery, in Agram Barracks, Bangalore...	870
2. Providing stone flooring to the European ward of the Lock Hospital, Bangalore ...	210
Total ...	1,080

2. There are no funds at the disposal of Government for appropriation to the works which do not appear to be of an emergent nature.

3. The sanction herein accorded has been registered as Imperial Nos. 40 and 41 B of 1877-78, and is classified as shown below:—

No.	Name of Work.	Heads of Service.	Fund.	Class.	Main-head.	Sub-head.	Section.	Amount.
40	Raising walls around Horse Artillery Lines, Agram Barracks ..	Imperial	Ordinary.	Original Works.	Military.	Military Buildings.	Accommodation for European Artillery.	85
41	Providing stone flooring to European Ward of Lock Hospital ..	Do.	Do.	Do.	Do.	Do.	Accommodation for general purposes	870
								210
								1,080

To be carried out by the Public Works Department.

(True Extract.)

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

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

Head of service Imperial
Fund Ordinary
Class New work
Main Head Military
Sub Head General purposes

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

District Bangalore

Estimate No. of 1877/78

Name of work Providing stone flooring to the European ward of the Lock Hospital at Bangalore. Lot in lieu of Chunar floor. Vide No. 303 of 25th June 1877.

Measurements Contents Particulars Rate per Sq. Ft. Total
No. 2 B 6

Removing present
Chunar floor

1 26 18 . 468 Main ward

2 18 18 . 648 Side do

Total 11.16 Sq. of Removing present
Chunar floor . 8. Sq. 593 ✓

11.16 Sq. of reflooring with
new slabs stone flooring
laid on 3 concrete
and finished with

Chunar 178 . 19549 ✓

Sundries 92 ✓

Total Estimate Rs. 210

By the Engineer

Bangalore

4th July 1877

Lib

Major R. E.
District Engineer

Specification to accompany
 Estimate for providing stone flooring
 to the European ward of the Lock
 Hospital at Bangalore in lieu
 of chunam floor.

Amount of Estimate Rs. 210

The present chunam floor
 being broken in several places
 is to be taken up and removed
 and in its place stone slabs
 18" square are to be laid.

The stone flooring is to
 consist of stone slabs having a
 smooth surface not less than
 4" thick with the edges dressed
 square, to be laid on a layer
 of concrete 3" thick, joints not
 more than 1/4 inch thick & scraped
 out and pointed with chunam.

Lt Col

Henry Wheat Major R.E.
 District Engineer

District Engineer
 Bangalore
 4th July 1877

Rs. 6171

From The Sick Coy.
Bangalore

To The Chief Engineer
P.W. &
for Roads and
Buildings branch
Madras.

Date 23rd July 1877.
Recd.

Estimate & Specification
for providing stone
flooring to the European
Ward of the Lock Hospital
at Bangalore

Amounting to Rs 210.-

Head of Service Imperial
Fund Ordinary
Class Original Works
Main Head Military
Sub Head European Artillery
To be carried out by the P.W. D.
Detail Estimate No. 1 of 1877/78
District Bangalore
Name of work Raising the mud walls
around the Horse Lines of A/20th Regt
Artillery in the Barracks at
Bangalore vide G.O. No 207 W dated 8th June 1877.

Particulars of work	Measurement	Content	Total
<u>Mud wall</u>			
Raising the Eastern wall from Magazine	1 284 1 1	284 1	✓
do do	1 10 1 1/4 2	25 1/4	✓
do do	1 26 1 1/4 2 1/2	81 1/4	✓
do do	1 74 1 1/2 3 1/2	388 1/4	✓
Southern wall raising	1 200 1 1/2 5	1500	✓
do Building new wall	1 100 1 1/2 3 1/2	525	✓
do Raising wall			
<u>Western wall</u>			
do Building new wall	1 320 1 1/2 5	2400	✓
<u>Northern wall</u>			
Raising wall from Magazine	1 90 1 1/4 1 1/2	168 3/4	✓
Raising wall up to Long yard wall	1 75 1 1/2 1 1/2	168 3/4	✓
<u>Cross walls of sub divisions</u>			
Cross walls	8 330 1 1/4 3	9900	✓
Total Cft of Mud walls		1544 1 1/4	

Lt Col 3rd August 1877 J.B.S. 27

1/19/77

Particulars of work ^{measurements} _{Q B L} ^{for total bill}

Coping

For raising wall around

The Lines — 1179 . . 1179

For cross walls for sub

Division — 8 330 . . 2640

Total Qty of Coping with flat tiles plastered with Chunar 15 wide — 3,819

Mud plastering

Wall around the Lines

inside — 1 1179 . 5 5895

Cross walls for sub

Division both sides } 8 330 2 3 15840

Total Qty of Mud plastering washed with Cowdung — 217.35

L.B.

9/7/77.

Head of service

Fund

Class

Main Head

Sub Head

Imperial Ordinary

Original work

Military

European Artillery

To be carried out by the P. H. D. of 1877/78.

Abstract Estimate No.

District Bangalore

Name of work — Raising the mud walls around the Horse Lines of D/20th Royal Artillery in the Mysore Barracks at Bangalore vide G. O. No. 207

W of 8th June 1877.

Quantity Description of work Date of work

15441 Qty of Mud walls — 6 cts 483

3819 Qty of Coping with flat tiles plastered with chunar 15 wide — 1 cts 239

217.35 Qty of Mud plastering washed with Cowdung — 8 cts 109

831

Sundries 39

Total Estimate Rs 870

Dist. Engineer Bangalore

9th July 1877.

L.B.

Major P. C. District Engineer

Specification to accompany
Estimate for raising the mud walls
around the Horse Lines A/20th Regt
Artillery in the Agram Barracks
at Bangalore.

Amount of Estimate Rs. 870-

The present mud walls
around the Horse Lines to be raised
to 5 feet high and 8 cross walls
will be built new from the
ground 3 feet high for sub division.

The mud walls are to be
of well tempered clay, brickwork
free from vegetable mould or
mossy gravel, or roots to be
raised in regular layers, each
layer to be allowed to dry before
the next is laid on.

The mud walls to be
plastered with clay and washed
with Cowdung.

The top of the mud walls
will be finished off with flat
tiles set in clay and plastered
with chunam.

Harishchandra Major P.E.
District Engineer

Diary Office
Bangalore
9 July 1877

Lib

The District Engineer
Bangalore

The Chief Engineer
P.W.D.

for roads & building
branch
Madras.

Dated 23rd July 1877.

Recd

Estimate & Specification

for raising the mud walls

around the horse lines

of the A/20th Royal

Artillery in the Agram

Barracks Bangalore.

Amounting to Rs 870-00

No	Name of work	Head of service	Fund	Shop	Main head	Sub head	Location	Amount
40	Raising walls around H. A. lines Agram Barracks —	Imperial	Ordinary	Original	Military	Military Building	Accommodation for European Artillery	Rs 870
41	Providing stone flooring to European Ward of lock hospital	so	so	so	so	so	so for special purposes	210
Is to be carried out by the P.W. Dept. Print with G.O. No 525 W.O. 3-8-77								1080

Bangalore

Total - 1080

There

PROCEEDINGS OF THE MADRAS GOVERNMENT.

UNDER date the 3rd Aug 1977
Read the following:—

The estimates noted
include aggregating Rs. 1,200
for raising the walls of
the horse lines of the
Royal Horse Artillery,
and providing stone
flooring to the European
ward of the Lock
Hospital at Bangalore,
and sanctioned.

1. Raising walls around
the Horse Lines, Royal
Horse Artillery in Agraw
Barrack the Bangalore. 370

2. Providing stone
flooring to the Euro-
pean ward of the
Back Hospital
Bengal - - - - - 210

Lat. 1080

2. There are no funds
at the disposal of
Government for appro-
-priation to the work
which do not appear
to be of an emergency
nature - Wk

£ 17 50.7.77

The sanction herein
accorded has been re-
-gistered as Imperial
No 40841 B. of 1877-78
and is classified as
shown below -

Imperial

D. C. Bangalore 2 ✓

Exr O. M. Acc to 5 ✓

July: Depart 15 ✓

Sl. No. 10-8. 77¹⁷

£ 17 50.7.77

107191
G.O. of 1877 India
PUBLIC WORKS.

To
The W. & Bangalore

Dated

Issued

Recd.

Encl.

G. O., 3rd August 1877, No. 525 W

Nos. 22-23

Horse Lines of the Royal
Horse Artillery, Bangalore
Sanction's estimates for
raising the walls of the —
and providing stone flooring
to the European ward of the
Rock Hospital at Bangalore.

Sanctioned

Sd/- 10-8-77

6. 5. 77