

- (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. *2032* Press
 B.P. No. Mis.

Dated *7-8-58* 195*8*

Not to be folded or roughly handled

*Proceedings of the Madras Government, Public Works Department,
7th August 1876. No. 2,032.*

No. 164. Read the following letter from Major ROSS THOMPSON, R.E., Officiating District Engineer, Bangalore, to Major-General G. W. WALKER, R.E., Chief Engineer, Public Works Department, dated Bangalore, 10th July 1876, No. 67 :—

I HAVE the honor to forward, herewith, for the sanction of Government, the under-mentioned estimates with plans :—

Reconstructing Cook-room for Mechanical Engineer's quarters at Banga-	rs.
lore, amounting to	480
Laying surface drainage for the buildings in the Native Lock Hospital,	
amounting to	280

2. The plans and estimates have been approved of by the Major-General Commanding the Division and His Excellency the Commander-in-Chief.

3. The balance under "Minor New Works" allotted to this district is only Rupees 278. The works may be executed and funds may be allotted later in the year.

No. 165 ORDER THEREON, 7th August 1876, No. 2,032.

MILITARY WORKS, No. 8.

(a) *Heads of Service.*—Imperial.
Fund.—Ordinary.
Class.—Original Works.
Main-head.—Military.
Sub-head.—Miscellaneous—Military.
Name of Works.—Cook-room, Mechanical Engineer's quarters, and surface drainage for Native Lock Hospital.
Amount.—Rupees 480 for Cook-room, No. 54-W.
280 „ Drainage „ 55-W.
To be carried out by the Public Works Department.

* G.O., No. 1,940, dated 31st July 1876.

THE estimates of Rupees 480 for reconstructing a Cook-room for the Mechanical Engineer's quarters and Rs. 280 for laying surface drainage for the building in the Native Lock Hospital are sanctioned.

2. The district allotment for Minor New Works, Military, has recently* been increased to the extent of Rupees 1,500, from which the requisite funds should be provided.

3. These sanctions have been registered as Imperial, Nos. 54 and 55 W of 1876-77.

(True Extract.)

Colonel,
Offg. Under Secy. to Govt., P.W.D.

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

Exd. T. O'Connor.
Spare Copies

Imperial Military Original Works
District Bangalore

Detail Estimate No. of 1876/77

Work. Reconstructing cook room for Mechanical Engineers Quarter on the Ulsoor Rocks at Bangalore.

Vides Estt. & Mtg. G. No. 170 and 181 of 19th & 26th April 1876.

Particulars of Work ^{Measurement} No. ^{Contents} Total
L B D

Dismantling

Old cook room	1	53 1/4	6	397 1/2	397 1/2
" Roof	1	17	17	2.89	2.89
Cutting Rock	1	37 1/2	1 3/4	32 3/16	32 13/16
Removing Earth on the rock	1	18 11 1/2	2 1/2	517 1/2	

Total Lft. of Excavations 517 1/2

Foundation

Front wall	1	18 1 3/4	3 1/2	110 1/4	
End walls	2	9 3/4	1 3/4	3 1/2	119 7/16

Total Lft. of Foundation brick in Chumani 229 11/16

Superstructure

Front and rear walls	2	17 1/2	1 1/4	7 1/2	328 5/8
End walls	2	10 1 1/4	7 1/2	187 1/2	
Gables over end walls	2	10 1 1/4	1 3/4	41 3/4	
Total					557 3/4

Particulars of work ^{measurement} No. ^{Contents} Solid

Deduction

Door _____ 1 34 1/2 0 26 1/2
 Windows _____ 2 22 1/2 0 21 1/2
 Bull's eye _____ 3 1 1/2 1 3 1/2
 Lintel stone over door _____ 1 5 1/2 1/2 3 1/2
 do do Windows _____ 1 4 1/2 1/2 4 1/2
 Total Deduction _____ 58 1/2

Total Superstructure brick in chunam _____ 499 1/8

Ornament in clay

Wall under fire place _____ 1 7 2 1/2 3 52 1/2

Total left of Ornament in clay _____ 52 1/2

Lintel stones for door way _____ 1 5 1/2 1/2 1 1

do do for windows _____ 2 4 1/2 1/2 2 2

Left of cornice work for gable ends _____ 2 16 . . 32 32

Plastering

Kitchen inside _____ . 50 . 7 1/2 375

Gables _____ 2 10 . 15 33 1/3

Sides of fire place _____ 1 2 1/2 . 3 7 1/2

Total Plastering inside _____ 415 1/6

Plastering outside

Kitchen outside _____ 1 60 . 6 1/2 390

Gables to do do _____ 2 12 1/2 . 1 2/3 41 1/3

Particulars of work ^{measurement} No. ^{Contents} Solid

Base to outside _____ 1 41 . 1/2 20 1/2

Total Plastering outside _____ 452 1/2

Total Left of Plastering with two coats of chunam _____ 8.68 1/2

do White washing two coats _____ 41.15 1/8

do Blue washing do _____ 41.52 1/8

Wood work

Rafters for couples _____ 22 9 3/4 2 1/2 3 3/4 11.6 15/8

Collar pieces _____ 11 6 1/2 2 3 2 11.9

Rafters to ridge ventilators _____ 22 2 1/2 2 3 2 3-6

Collar pieces do _____ 11 2 1 1/2 2 11-5-6

Wall plates _____ 2 16 4 2 16-6-4

Projecting rafters at ends _____ 4 2 1/2 2 1/2 3 3/4 11-7-9 1/4

Horizontal & vertical pieces

Bullseye ventilators } 6 1 1/2 2 2 11-3-

Total Left of Teak wood wrought and put up _____ 211.5 1/16

Roofing

Over cook room _____ 2 19 11 4 1/8

Total Left of Roofing with teak rafters and nails

flat & pan tiles with chunam borders } 4.18

Nails 1/4 inches long _____ 121 121 121

Particulars of work

Measurement
No. L B D Contents Total

Filling in Basement

Cook room 1 14 1/2 9 3/4 2 282 3/4
Total Cft of Filling 1 32 3/4

Flooring

Cook room 1 14 1/2 9 3/4 2 141 3/8
Total Sq of Stone flooring 1 41 3/8
do Concrete 1 41 3/8

Batten door 3 1/2 x 6 with frames
hinges hooks locks &c 1 6 0 0 1 1
Batten windows 2 1/2 x 3 1/2 with
frames & iron fitting complete 2 0 0 0 2 2

Painting

Door 1 4 2 6 1/2 52
Windows 2 3 2 4 48
Total Sq of Painting with two coats of
chocolate color 1 00
Cft of Fire place 1 7 0 0 7 7

L
H. B. S. S. S.

Imperial

Military

Original Estimate No. of 1876/77.

District Bangalore

Work Reconstructing cook room for Mechanical
Engineers Quarter on the Ulloor Rock at
Bangalore.

Under the order of Mr. J. D. No. 170 and 181 of 19th April 1876.

Quantity Description of work Rate per Amount Total

398 Cft of Disinfecting brick work 3 cft 6 36

289 Sq of do. roof 1 0 2 2 14 3

33 Cft of cutting out racks 10 0 20 10

518 do. excavating 1 0 2 14 2

230 do. Foundation brick in chunam 3 0 4 32 0

499 do. Superstructure do 3 0 9 39 0

53 do. Brick in clay for fire place 1 9 0 5 12 9

1 Lintel stone for doorway 5 1/2 x 1 1/2 x 1/2 1 8 0 1 8

2 do do for windows 4 1/2 x 1 1/2 x 1/2 1 0 0 2 0 0

32 Cft of Cornice work 6 0 12 0 0

8.68 Sq of Plastering with two coats of chunam 2 8 1/2 21 11 2

4.16 do. White washing two coats 2 0 0 8 4

4.52 do. Blue washing two coats 2 0 0 13 7

21.14 Cft of Teak wood wrought & put up 3 8 1/2 73 15

4.18 Sq of Roofing with teak super
nails flat & pan tiles with chunam 22 0 9 15 4

do. borders

Carried Over 379 6 1

Quantity	Description of work	Rate	Per Amount	Total
	Brought Over			3776 1
121	Nails 4" long	4 Cents	28 4	
283	Cft. of Filling in basement with earth	1 cft.	1 77	
141	Sq. of Stone flooring	12 8	17 10	
141	Sq. Levelling course of concrete	5	7 10	
1	Pair of Batten door 3 1/2' x 3 1/2' with frames hinges hooks &c.	21	21	
2	Pair of Batten windows 2 1/2' x 3 1/2' with frames & iron fittings complete	8 12	17 8	
100	Sq. of Painting with two coats of chocolate color	5	5	
7	Cft. of Fire place built with bricks in mud & washed with cowdung	4	12	
				4534 10
	Undries		26 11 2	
	Total Estimate Rupees			480

Distt. Engr. office

Bangalore

16th June 1876

(Sub-officer)
11/7/76

W. H. M. S. P.
Major R. C.

Off. District Engineer

Specification to accompany Plan and Estimate for reconstructing cook room for Mechanical Engineer's Quarters on the Misoor Rock at Bangalore.

Amount of Estimate Rs 480

The rock to be cut in on three sides (1 1/4 + 1/2) for foundation of side and front walls of cook room as shown on the Plan and the space to be filled in with bricks in chunam.

Foundation and superstructure to be built with bricks in chunam properly bonded.

Stone lintels to be placed over door and window ways instead of arch work. The stones to be 1 1/4 feet wide and 6" thick extending one foot on each side of openings.

The joints of the masonry to be scraped out and plastered with two coats of chunam.

The building to be blue-washed outside and whitewashed inside each with two coats.

O. N. 14940/96
2

Known
The District Engineer
Bangalore
P. M. - 28
11/12/96
Receivd
Reconstructing
Creek & masonry for the
Bangalore & Malabar
Bangalore -
amounting to Rs 480
on 11/12/96

Imperial. Military Original works
Abstract Estimate No 22 of 18/6/97.
District Bangalore.
Work. Laying surface drainage for the buildings
in Native Lock Hospital at Bangalore.

Quantity	Particulars	Rate Per	Amount Total
248	Rft of 9" V shaped drain	6. Rft 130 8.	
130	Rft of 18" V shaped drain	12. " 135. "	

Sundries 265 8.
Total Estimate Rupees 280
Dist Engr Office
Bangalore
5th June 1896.
L. B.
H. S. D. S. S.
Central Office
14/7/96
Major R. C.
Off. District Engineer.

8 JUL 76

Specification to accompany Plan & Estimate
for Laying Surface Drainage for the buildings
in Native Lock Hospital at Bangalore.

Amount of Estimate Repairs 280. " " "

The Drainage for Western portion of the Rock Hospital is designed for the purpose of carrying off water from wash house &c. and the rain water falling from the roof of the buildings &c.

The Dugies to be constructed as follows.

Stones for V. Design to be made and fitted as per sections on the drawing, one stone to overlap the other at bottom and will rest on a flat stone at least one foot broad. Joints will be neatly cut and no feather edged stones will be admitted. All stones will be of equal thickness of 4 and in length of not less than 5 feet.

The joint will be jointed with Portland cement.

Richd. Rogers of Conn.

Becky Love

1890

1890

Major R. B.

Off. District Engineer

No. 69

From

The District Engineer,

Bangalore.

To

Chief Engineer
D. O. N. Madras.

I have the honor to forward herewith for the sanction of Government the undenoted Estimates with plans:-

Reconstructing Cook room for Mechanical Engineer's Quarters at Bangalore amounting to Rs 480-0-0.

Laying surface Drainage for the buildings in the Native Dock Hospital amounting to Rs 280-0-0.

The Plans and Estimates have been approved of by the Major General Commanding the Division and His Excellency the Commander-in-Chief.

The balance undrawn

D. H. 940/76

From
The District Engineer
Bangalore
To
The Chief Engineer
D. O. N. MadrasDated 10th July 1876.

Received

Estimate for laying

surface drainage

for the buildings in

Native Dock Hospital

at Bangalore

Amounting to Rs 280

D. H. 940/76

New work allotted to this District
is only \$1000.00. The work may
be executed and funds may be
allotted later in the year.

I have the honor to be

Yours most Obediently

R. Thompson Major D. C.

District Engineer.

By W. H. Smith

P. 1876 Department

at 940

Date 10/13
Rec'd 11/23 July 1876.
Chas. 67
Cable: 4. 2
2 New Journal of Medicine
Estimate - 1000
Estimate - for donation
of 1000 and for all other
amount of funds.

From
The District Surgeon
of the Army
of the Army Surgeon
D. M. Madsen.

(a) Heads of Service— *Imperial*

Fund.

Ordinary

Class.

Original Notice

Main-head.

Military

Sub-head.

Miscellaneous Military

Name of Work.

*Art Room Mechanical Engineer's quarters
surface damage for the hospital.*

Amount.

*280 - for Art Room 1000
280 - for Art Room 1000*

To be carried out by the

P. 11

Department.

Carried on the margin of P. 11 of 1876.

at 1876 P. 11 of 1876
Dep't 6 of 1876

P. No. 1876 Report

No. 1876

Public Works Department.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

Under date the

Read the following:—

From

The District Engineer

Bangalore

(No. No. 67 of 10th July 1876)

The Estimates of
Rs 400 for re constructing
a Cook room for the
Mechanical Engineers
quarters and Rs 200
for laying surface
drainage for the building
in the Native Dock
Hospital are sanctioned.
The District allot-
ment for Minor new
works Military has
recently been increased
to the extent of Rs. 1500,
from which the requisite
funds should be
provided.

These

+ 1000/1000 of July 1876

Report to 10/28/76

3. These sanctions
have been rejected
as Imperial No. 547007
of 1876-77.

S. V. Bangalore
M. L. B. C.
M. L. B. C.
Oct 19/8/76

4940

Govt. of Madras
PUBLIC WORKS.

Mr. R. E. Bangalore

Date

Amount

By

To

Signature No. 1032

Non-Resident

Cook room for the
Mechanical Engineer
Quarters and surfaces

Drainage for the building
in the Nottue Lock

Hospital - Bangalore

Estimates for the
works, sanctioned