

(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. 1432 (W) Press
B.P. No. — Mis. —

Dated 9-6-1876.

Not to be folded or roughly handled

*Proceedings of the Madras Government, Public Works Department,
9th June 1876.*

Read the following papers :—

- ✓ No. 145. Proceedings of the Madras Government in the Military Department, dated 16th February 1876, No. 814.

Read also the following :—

- ✓ No. 146. From the District Engineer, Bangalore, dated 21st March 1876, No. 203.
No. 146-A. Chief Engineer's Memorandum, " 27th " " " 566.
✓ No. 147. From the District Engineer, Bangalore, " 5th April " " 2.
No. 147-A. Chief Engineer's Memorandum, " 10th " " " 672.
✓ No. 148. From the District Engineer, Bangalore, " 20th " " " 9.
No. 148-A. Chief Engineer's Memorandum, " 24th " " " 68.

- ✓ No. 148-B. 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, 3rd May 1876, No. 23.

In reply to your memorandum, No. T-68 of 24th April 1876, I have the honor to report that from the records in this office it appears that the proposition to substitute a boarded for a stone floor originated with the Bangalore District Engineer. In his letter No. 489, of 29th January 1876, he pointed out to the Assistant Quartermaster-General, Mysore Division, that a stone-floor had been allowed for in the estimate sanctioned by Government, but that a boarded-floor would be desirable, as the room would occasionally be required for dancing. In reply to this letter the Assistant Quartermaster-General, Mysore Division, informed the District Engineer, Bangalore, that the Major-General Commanding quite approved of his suggestion in regard to the boarded-floor. The District Engineer then submitted, through the Assistant Quartermaster-General, an approximate estimate for the work, amounting to Rupees 2,550.

No. 149. ORDER THEREON, 9th June 1876, No. 1,432.

MILITARY WORKS, No. 4.

(a) *Heads of Service.*—Imperial.
Fund.—Ordinary.
Class.—Original Works.
Main-head.—Military.
Sub-head.—Accommodation for European Infantry.
Name of Work.—Substituting a boarded for a stone floor to the recreation-room, Parade Barracks, Bangalore.
Amount.—Rupees 2,600.
To be carried out by the Public Works Department.

HIS GRACE the Governor in Council sanctions the cost (Rupees 2,600) of substituting a boarded for a stone floor to the recreation-room constructed in the Parade Barracks at Bangalore, as supplementary to the original sanction of Rupees 31,800 for that work conveyed in G.O., No. 683, of 10th March 1875. Rupees 33,459 having been spent on the work up

to 31st March 1876 no more than Rupees 1,700 can be appropriated for it this year without explanation of the excess.

2. The sanction above accorded as been registered as Imperial No. 36 W. o 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. S. T. Austin.
Spare Copies

*Proceedings of the Madras Government, Public Works Department,
21st February 1876.*

Read the following Proceedings of the Madras Government in the Military Department,
dated 16th February 1876, No. 814 :—

ABSTRACT.—Approving an estimate, amounting to Rupees 2,550, for providing
boarded flooring to the new Recreation-room in Parade Barracks, Bangalore.

ORDER THEREON, 21st February 1876, No. 174.

COMMUNICATED to the District Engineer, Bangalore, for preparation of detailed
estimate and specification, showing distinctly in which portion of the new building
it is proposed to substitute boards for stone.

(True Extract.)

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

To the District Engineer, Bangalore.

Exd. E. C. Shunker.
Spare Copies

*Proceedings of the Madras Government, Military Department,
16th February 1876.*

Barracks and Buildings.

Read the following letter :—

No. 239. From Brigadier-General A. HOWLETT, C.B., Quartermaster-General, to Colonel A. C. SILVER, Secretary to Government, Military Department; dated Fort St. George, 11th February 1876, No. 1053.

The Commander-in-Chief having approved the approximate estimate marginally noted, I am directed by His Excellency to submit them for the consideration and orders of Government.

Enclosure 1.
Amounting to Rupees 2,550 for providing boarded flooring to the new Recreation-room in course of construction in Parade Barracks at Bangalore, in lieu of a stone floor.

2. If approved by Government, it is requested that the papers may be forwarded to the Department Public Works for disposal.

No. 240. ORDER THEREON, 16th February 1876, No. 814.

Approved.

(True Extract.)

(Signed) W. HUDLESTON,
Chief Secretary.

To the Public Works Department, with the estimate.
„ Quartermaster-General.

Exd. A. Raitt.

W. H. H.

Imperial Military Original work
Detail Estimate No 219 of 1875/76.

District Bangalore
Work Providing boarded flooring to the new
Recreation Room in Parade Barracks
at Bangalore.

Under Order of Mr. General M. D. No 45 dated
31st January 1876.

Particulars of work & measure
of materials used & cost

Excavation

Walls under flooring — $3\ 106\frac{1}{2}\ 3\frac{1}{4}\ 9\frac{1}{8}\ 9475\frac{1}{4}$

Total of Excavation — $9475\frac{1}{4}$

Brick work

Walls under flooring — $3\ 106\frac{1}{2}\ 1\frac{1}{2}\ 88\ 3893\frac{29}{32}$

Total — $3893\frac{29}{32}$

Deduction

Arches under Rectangular portion $39\ 6\ 1\frac{1}{2}\ 5\ 1755$

Flooring { Segmental — $39\ 7\ 1\frac{1}{2}\ 409\frac{1}{2}$

Arch work — $39\ 8\ 1\frac{1}{2}\ 1\frac{1}{8}\ 526\frac{1}{2}$

Total Deduction — 2691

Total of Brickwork in chunam — $1202\frac{29}{32}$

— Arch work in chunam $526\frac{1}{2}$

Woodwork

Wall plates — $3\ 108\frac{1}{2}\ 4\ 2\ 17-9-$

Carried over $17-9-$

District Engineer's Office
Bangalore.
11th March 1876 } Henry Herbert Mayo D.C.E.
District Engineer

Specification to accompany
Estimate for providing boarded
flooring to the New Recreation
Room in Parade Barracks, at
Bangalore.

Amount of Estimate Rs 2600.

The main room in the New
Recreation Room to be floored with
boards in lieu of stone floor. The size
of the room is $10\frac{1}{2}$ by 24 feet.

Under the floor of main room
3 walls of 18" thick shall be built
with brick in chunam from end to
end - one being in the centre and the
other two, close to each of the walls.
Each wall shall have 13 segmental
arches of 6 feet span and 5 feet high.
The rise of the arch shall be 2 feet
and thickness $10\frac{1}{2}$. The spandrels
between the arches shall be filled
in with the same materials as those
for the walls, so as to be on a level
with the crown of arches for the wall
plates (4 x 2") to rest on. Over which
joists (3 x 6) at 2 feet apart from
centre to centre, shall be nailed

at

at right angles to the walls. Over the
 joints boarding planks of 2" thick
 and 5" broad shall be screwed on.
 The joints between boarding planks
 shall be closely and neatly morticed.
 The surface on top shall be smoothly
 planed.

Pr 2099/16
 3

To
 District Engineer
 Bangalore
 11th March 1876
 Major P. C.
 District Engineer Bangalore

[Faint, mostly illegible handwritten text, likely bleed-through from the reverse side of the page.]

Pr 2099/16
 3

From
 The District Engineer
 Bangalore

To
 The Chief Engineer
 P. W. D.
 Madras

Dated 21st March 1876.
 Recd

Estimate & Specification
 for providing boarded
 flooring to the new
 Recreation Room in
 Parade Barracks in
 lieu of stone floor -

Amounting to Rs 2600

Indy No 2896

DISTRICT ENGINEER'S OFFICE,

No. 203. BANGALORE 27 March 1876

Sanctioned I am at Bangalore

From the District Engineer, Bangalore

THE DISTRICT ENGINEER,

BANGALORE

To

The Chief Engineer Madras

Sir

2 Detail Estimates
2 abstracts do
2 Specifications
1 Plans

With reference to G. O. No. 1747/87 of 21 and 22 Feb 1876 I have the honor to forward herewith for sanction the undermentioned Estimates
1 Estimate amounting to Rs 2600 with Specification for providing boarded flooring to the New Recreation Room in Parade Barracks in lieu of stone floor.

1 Estimate amounting to Rs 2060 with Plan and Specification for certain Drainage to the Ulsoor Barracks from the Storage yard and water troughs.

The Estimate has been

approved of both by the
Major General Command-
ing the Division and A.
C. the Commander-in-Chief

I have the honor to be
Sir

Your Most Obedient Servant

Wm. P. C.
Major P.C.

Engineer

No 187d/22.2.76
 No 628-9.3-76
 No 174-21.2-76

C.R. No 566d/27 March 76

B.W. 1876 Deptt
 From
 The District Engineer
 Bangalore
 To The Chief Engineer
 P.W.D. Madras.

Dated 21st March 1876.
 Recd 22nd }
 at No 203. 2nd Engr
 Enclosed are 4 plans
 including plan
 forwarded for sanction
 two estimates, one for
 providing boarded floor
 in the new Barracks
 -ation Room Parade
 Barracks in lieu of stone
 floor. & the other for
 certain drainage, to
 the upper Barracks from
 the Lorry & water
 troughs, amounting res-
 pectively to Rs 2600 &
 Rs 2060-0-0.

C.R. Madras No 566d/27.3.76
 Letter No 203 dated 28 March
 1876 from the D.E. of
 Bangalore - 15

Mem

The best Engineer is in
 question to be so good
 as to submit a plan and
 section of the building
~~in question to be~~
 to the floor level of
 the building in question
 showing the arrangement
 of doors, walls and
 arches under floor.

2 The Estimate for Drainage
 being only that for a
 project with
 Nos 640-628
 dated 9 March 1876
 is herewith returned
 & The D.E. will be so
 good as to include
 it in the regular
 project which is
 called up for submission.

[Signature]

D.E. Bangalore
 with 4 Encls (including 1 Plan)

No 284
April 20 1916

No 68 d/ 24-4-76

Memo

Memo

Letter No 4. d/ 20 April 1916
from the Office of the Secretary

The above quoted letter
does not sufficiently
reply to question 672 of the
10 asked from the Office.
The L.E. will be regarded
as a report why the
substantive business of the
firm at the present
enhanced cash flow
proposed is deemed necessary
or desirable ^{with} ~~by~~ ^{whereas}
the proposed migration
has been decided the
reasons which was made.

By order W.H.
22.4.76

To The D Engineer
Rangoon

Nº 1680

approved

No 2500
Chd 7-4-76

No 672 of 10-4-76
Lecine

Letter No 2 dated 5
April 1870 from the
District Engineer Bangalore
The District Engineer has
said as to report
the circumstances
under which the
situation for & revenue
in the floor of
the recreation
ground and
substituting the
in the report
was called for.

W.
7.4.76

No 2099

Memo

No 566

Letter No 203 of 21st March
1876 from the District Engineer Bangalore

The District Engineer is
requested to be so good as to submit a
plan and section to the floor level of the
building in question showing the arrange-
ments of dwarf walls and arches under
flooring.

The estimate for drainage
being only that for a partial project with
reference to G.O. 628 of 9th March 1876
is herewith returned and the District
Engineer will be so good as to include it
in the general project he has been called
upon to submit.

For St George } (By Order)
27th March 1876 } (Signed) W. J. J. Coll
Offg. Dy. Ch. Engineer
To The Dy. Engr. Bangalore

DISTRICT ENGINEER'S OFFICE,
BANGALORE. 5th April 1876.

No. 2.

FROM

THE DISTRICT ENGINEER,
BANGALORE.

To

THE Chief Engineer

Handwritten: I have the honor to forward
herewith a plan showing the proposed ar-
rangement of the boarded flooring to the
New Recreation Room in Parade Barracks
in lieu of stone floor.

I have the honor to be
Sir
Your most Obedient Servant
Perceval V. Major R.E.
District Engineer.

100/100

FORMER CASES.

Current No.	of 187
"	"
"	"
"	"
"	"

LATER CASES.

Current No.	of 187
"	"
"	"
"	"
"	"

20th. 1896
The District Engineer
Bangalore

20th. 1896
The District Engineer
Bangalore

20th. 1896
The District Engineer
Bangalore

20th. 1896
The District Engineer
Bangalore

20th. 1896
The District Engineer
Bangalore

20th. 1896
The District Engineer
Bangalore

20th. 1896
The District Engineer
Bangalore

W. 1876 Sept.
M. WORKS FORM No. 3.
Current No. 2500

From

The Lt. Engr.,
Bangalore

No. 2 }
Dated 26 April 1876
Recd.

Chyrs No 672 d/10-4-76

Subject:— Forward plan of
the proposed arrangement
of boarded flooring to the
New Recreation Room under
Barrahs in lieu of
stone floor.

ENCLOSURES 1.

From 1 Plan with
to Librarian
" "
" "

Orders and Proceedings in file.

Depart- ment.	No.	Date.	ENDORSEMENTS.		
			Depart- ment.	No.	Dated.
P.W.D.	174	24/2/76			
"	187	22/2/76			
"	628	2/4/76			
memo	566	27/3/76			

DISTRICT ENGINEER'S OFFICE,
BANGALORE 17 April 1876.

No. 9

From

Off.
THE DISTRICT ENGINEER,
BANGALORE.

To

THE Chief Engineer
Public Works Dept.
Madrass.

Sir—

With reference to your
Memorandum No. 672 dated 10th Inst.
I have the honor to inform you that the
stone floor has not yet been put down in
the New Recreation Room. It was found
that a boarded floor was desirable
and having obtained the approval of the
Major General Commanding the District it
was estimated for and an estimate was
submitted for sanction with my letter
No. 203 dated 21st Feb 1876 with
reference to G.O. No. 174 dated 21st Feb

Ferry

February 1876.

I have the honor to be

Sir,

Your most Obedt. Servt.

Wm. Lumsden Major R.E.

Offg. District Engineer
Bangalore.

16

DISTRICT ENGINEER'S OFFICE,
 BANGALORE. 18th May 1876
 To the Chief Engineer, P. P. M.
 Madras.

In reply to your memo-
No 68 of 24th April 1876 I have the
honor to report that from the records
in this Office it appears that the
proposition to substitute a boarded
for a stone floor, originated with the
Bangalore District Engineer. In his
letter No 489 of 29th January 1876 he pointed
out to the ^{floor} ~~Spott~~ ^{Spott} General, Mysore
Division that a stone ^{floor} had been allowed
for in the Estimate sanctioned by
Government, but that a boarded
floor would be desirable, as the room
would occasionally be required for
dancing. In reply to this letter the
^{Spott} Quarter Master General, Mysore Divⁿ,

Stone floor with
Green stone Rows -
Luganary the
Pine and two or three
noticed the station at
for morning the -
stake titling back
floor was now called
for.

Date 20th
 Dec^r 22nd 1936

To the Lady of Gurney
D. R. Dutton

John. 1876 Sept.
from No. 284
of the Dec^r 1876

N₂ 148
 Cui - 1.6.76 PWA 9.6.76
 Despatched 5-5-76 12-13-14

informed the District Engineer
 Bangalore that the Major General
 commanding quite approve of his
 suggestion in regard to the boarded
 floor. The District Engineer then
 submitted through the Capt. Dr. Mr.
 General an approximate estimate
 for the work amounting to Rs 2,550.

I have the honor to be

Sir,

Your Most Obedt Servt

[Signature]
 Major General

District Engineer

Bangalore

[Signature]

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Memorandum
 80000

[Vertical list of names or initials, possibly a distribution list.]

[Vertical text, possibly a date or reference.]

[Vertical text, possibly a list of names or initials.]

Chas 2847-2500 + 2099
 21st Feb 1876 No 174.
 22nd " " " 187.
 9th March " " 628.
 12 May 74 - 1289
 29 Jan 75 - 263.
 18 March 75 - 683.

P. W. 1876 Department
 No 3208

Substitution of
 boarded floor &
 floor over in the
 "New Recreation"
 Room Parade Barracks
 Infamous with
 below the boarded
 for the originates
 for

of the Death Engineer
 to the Chief Engineer
 P. W. 1876
 Patent 32
 21st Feb 1876
 22nd " " " 187.
 9th March " " 628.
 12 May 74 - 1289
 29 Jan 75 - 263.
 18 March 75 - 683.

(a) Heads of Service— *Imperial*
 Fund. *Military*
 Class. *Military Works*
 Main-head. *Military*
 Sub-head. *Accommodation for European Infantry*
 Name of Work. *Substituting a boarded floor
 stone floor to the Recreation Room, Parade
 Barracks, Bangalore -*

Amount. *Rs 2600*

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

Print in the margin of G. O. No 14320/9 Dated 1876 -

No 178B

cu. 1.6.76 At 9.6.76
 21st Feb 1876

No 1432

Public Works Department.

PROCEEDINGS of the MADRAS GOVERNMENT.

UNDER date the 9 June 1870.

again
Read the following:—

Pro: in the Military Dept: (No. 814 of 16th July 1870)
Read also the following:—
From

The District Eng: Bangalore. (No. 203 of 21st March —)
Chief Eng: Memo — (No. 566 of 27th —)

From
The Dist: Eng: Bangalore (No. 2 of 5th April —)
Chief Eng: Memo — (No. 642 of 10th —)

The Dist: Eng: Bangalore (No. 9 of 20th —)
Chief Eng: Memo (No. 68 of 24th —)

The Dist: Eng: Bangalore (No. 23 of 3rd May —)

W.
U.

His Grace the
Governor in Council
sanctions the cost (Rs 2600)
of substituting a boarded
for a stone floor to the
Recreation Room constructed
in

in the Parade Barracks
at Bangalore, as sup-
plementary to the original
sanction of Rs 31,800 for
that work conveyed in
G.O. No 683 of 10th March
1875. Rs 33,459 having
been spent on the work
up to 31st March 1876
no more than Rs 1400 can
be appropriated for it
this year without explana-
tion of the excess.

The sanction above
referred has been
registered as Imperial
No 36 W. of 1876-77.

No 145-149

S. R. Bangalore
Ex. A. 104 to
Mil. Secy

D. D. 18/6/76

2588 3208
2099 2847
Govt. of 1876 Madras.

PUBLIC WORKS.

To

Mr. H. B. Bangalore

Date

Received

Recd

Recd

G. O., 9th June 1876, No. 1432

Nos. 1451-1449

Sanctioned
19-2-76

Boarded for a stone
floor to the Recreation
Room in the Parade
Baracks - Bangalore

Sanctioning the
cost of substituting
a ——— with certain
remarks -