

- (1) Number of pages 16
(2) Date of repair 1.9.86
(3) Initials of the Referencer log

TAMIL NADU ARCHIVES

GOVERNMENT OF TAMIL NADU

Public Works DEPARTMENT

G.O. No.
B.P. No.

2525.W.

Press.
Mis.

Dated

15.6.1878

197.

24
Not to be folded or roughly handled

9528

GOVERNMENT OF MADRAS.
PUBLIC WORKS DEPARTMENT.

15th June 1878, No. 2,525 W.

Buildings and Roads.
Military Works.

Read the following papers:—

No. 157. Proceedings of the Madras Government in the Military Department, dated 30th January 1878, No. 520.

From Brigadier-General H. O'CONNELL, Quartermaster-General, to the Secretary to Government, Military Department, dated Fort St. George, 5th January 1878, No. 98.

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

Enclosures 5.
Amounting to Rupees 545, for constructing a roadway leading from the south-west corner of No. 1 new barracks towards the family quarters in Horse Artillery Lines at the Mount.

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

Approved generally, and transferred to the Public Works Department for consideration and final disposal.

(True Extract.)

(Signed) J. MICHAEL, Colonel,
Secretary to Government.

No. 157-A. From Colonel P. O'CONNELL, R.E., Superintending Engineer, Chingleput, to the Chief Engineer, Public Works Department, dated Bangalore, 3rd June 1878, No. 2,021.

With reference to your memorandum, No. 698, of 8th February 1878, I have the honor to forward, for the sanction of Government, an estimate, amounting to Rupees 700, for constructing a road from the east end of the new barracks to the parade ground at the Mount. The estimate has been approved by His Excellency the Commander-in-Chief.

No. 158. ORDER THEREON, 15th June 1878, No. 2,525 W.

The plan and estimate of Rupees 700 for constructing a road from the east end of the new barracks to the parade ground at Saint Thomas' Mount are sanctioned, and funds appropriated from the reserve under Military.

2. This sanction has been registered as Imperial No. 31 B of 1878-79.

(True Extract.)

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

(True Copy.)

Major, R.E.,
Under Secy. to Govt., P.W.D.

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

Ed. C. Howarth.
Spare Copies

2525
2

BUILDINGS AND ROADS,
MILITARY WORKS.

Gobt. of 1878/89
PUBLIC WORKS.

The DISTRICT ENGINEER,
CHINGLEPUTT.
&c. &c. &c.

1st of June 1878.

Issued

Recd.

Encl.

G.O., 10th June 1878, No. 2,325 W.

JUNE

Nos 157-158.

From Govt. East end of the New Barracks
to the Parade ground, St. Thomas' Mount.
The plan and estimate for Rupees 700 for
constructing a —, sanctioned.

25/95
3

GOVERNMENT OF MADRAS.

MILITARY DEPARTMENT.

30th January 1878, No. 520.

Barracks and Buildings—Roads.

Read the following paper:—

No. 412. From Brigadier-General H. O'CONNELL, Quartermaster-General, to
Colonel J. MICHAEL, C.S.I., Secretary to Government, Military Depart-
ment; dated Fort St. George, 5th January 1878, No. 98.

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

Enclosures 5.
Amounting to Rupees 545, for constructing a
roadway leading from the South-West corner
of No. 1 new barracks towards the family
quarters in Horse Artillery Lines at the
Mount.

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

No. 413. ORDER THEREON, 30th January 1878, No. 520.

Approved generally, and transferred to the Public Works Department for con-
sideration and final disposal.

(True Extract.)

Amichand

Colonel,

Secretary to Government.

To the Public Works Department, with five enclosures, and to the
Quartermaster-General.

Ed. A. Raitt.

Estimate for constructing a Road from East
end of New Royal Artillery Barracks to North
end of 24 Family Quarters St. Thomas. Bonaire.

Specification

The road is to be $17\frac{1}{2}$ feet broad at formation
level and 15 feet between the side ridges, with
slope of $1\frac{1}{2}$ to 1.

Earthwork

Fill up ruts and hollows where necessary
and form side ridges as shown by the cross section.
Very little earthwork is required as the road
is already formed except a small portion
which has been washed away by the rains.

Metalling

The road is to be metalled to a breadth
of $9\frac{1}{2}$ yards; the thickness of metalling 6"
including 2 inches of granite stone broken
so as to pass through a ring $1\frac{1}{2}$ inch diameter and
2" of laterite gravel on the top. When the
metalling is spread to the required thickness
it will be well watered, rolled, and tampered
until the surface becomes quite hard and
smooth. The cross section of the road when
completed to be as shown on the plan. The
surface to have a slope of 1 in 36 from the
centre to the sides.

New Concrete Concrete

After the foundations have been sufficiently
bunked proceed to lay 12 inches of concrete and
well tampered till consolidated. The concrete
will be put in ^{down} layers of 6" and well tamper
it with heavy rammer. Concrete to be
composed of 1 part of mortar composed
of 1 of fresh burnt lime ^{1 part of sand and 2 parts of} ~~1 part of sand~~ and 2 parts of
well mixed and rounded to $\frac{1}{2}$ size of
quartz or granite stone broken to $\frac{1}{2}$ size.

of 15 inch cubes.

When the concrete has been laid the foundation of the culvert to be constructed Rubble in mortar of Rough Stone in Hydraulic Mortar, Stone to be carefully built and made to break joints, interstices to be filled in with stone to a small size in mortar.

On the completion of the foundations Brick in Mortar
build side walls and wings to the height
shown in the plan, of well burnt bricks
in Mortar. English bond to be used.

On the completion of the side walls Archwork. prepare and put up centerings & construct the arch to the thickness shown in the drawing. The portions of the arch under the face walls to be brick in mortar & very carefully laid in cylindrical rings; care being taken that the joints are at right angles to the face of the arch. No joint to exceed $3\frac{1}{16}$ inches in thick-
ness. The remainder of the arch to be constructed of concrete composed of 1 part of lime $1\frac{1}{2}$ of sand and 3 parts of broken bricks which to be broken so as to pass through a ring $1\frac{1}{2}$ in diameter.

over the construction of the arch and
removal of the centrings. Construct face
walls and parapet of best brick in mortar,
as for side walls.

Plaster introduced or luffia of arch. Plastering
and all exposed surfaces with 2 coats of
hydraulic mortar 1st coat composed of 1
of

of lime $1\frac{1}{2}$ of loess and $\frac{3}{4}$ of sand
well mixed together and poured. 2nd
coat 1 part of lime to $\frac{1}{2}$ of sand and
 $\frac{3}{4}$ of loess well mixed and ground
together and put on smooth.

• All rubbish and rejected materials to be removed at the Contractor's expense and the site properly cleared up.

Agent Division of

16 April 1978

L. F. Felt Coordinator
Executive Officer

No. 2021.

CHINGLEPUT SUPERINTENDING ENGINEER'S OFFICE,
SRI RAO THOMAS' MOUNT, 3rd June 1878

From

THE SUPERINTENDING ENGINEER,
CHINGLEPUT.

To

The Chief Engineer,
Public Works Department

Sir,

Enc-2

Plan

Estimate.

With reference to your Memo-
-randum No 698 of 8th February, 1878,
I have the honor to forward for
the sanction of Government an
estimate amounting to Rs. 700 for
constructing a Road from the East
end of the New Barracks to the
Parade ground at the Mount.
The estimate has been approved
by His Excellency the Commander
in-Chief.

I have the honor to be
Sir

Your most obedient servant

Thomas Colville
Superintendent, Chingleput

Received
29 Dec 1878
for 422/136

C. E. 10.6.98. July 75

From the Sup^r Engrs Chngt

No 2021

Artd 3^d } June 1878
Recd }

Enclosures two @

1 Plan & 1 Map
of the ~~Plan~~ Part to the
Chunglapur & Coorambur
Road from the East
end of the New Barracks
to the Parade ground at
Mount. ——— forwards are
submitted & Plan for Council
to ——— for sanction

Encl. 10.6.98. July 75

Ar. 10.6.98. July 75

No 2025

Public Works Department

PROCEEDINGS OF THE MADRAS GOVERNMENT

Under date the 15th July 78

Read the following:—

Pro. Engrs Department (H.C. No 520 of 30th Jan 78)
Sup^r Engrs Chunglapur (" " " 2021 " 3rd June)

The plan and
estimate of Rs 400 for
constructing a road
from the east end
of the new Barracks
to the Parade ground
at Saint Thomas'
Mount are sanctioned,
and funds appropri-
ated from the Reserve
under Military.

14/6

D. C. Chunglapur
Engrs & W. Secy to Govt
Engrs Department

This sanction has been re-
gistered as Imperial No 31 of
1878-79.

1878-79
15/7

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8

to July 15-67

Cir 126.75. Ma 15.6/8

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GOVT. OF INDIA

PUBLIC WORKS

A. S. Chingleput

15 June 1878

15 June 1878

Road from East End of the
new Barracks to the Parade
Ground St Thomas Mt.

The Plan & Estimate
for Rs 700 for constructing a
— Sanctioned

Int. Wm. R. R.