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TAMIL NADU ARCHIVES

GOVERNMENT OF TAMIL NADU

PUBLIC WORKS DEPARTMENT

G.O. No.	4589 W	Press.
B.P. No.		Mis.
Dated	4 . 12 . 1878	197.

Not to be folded or roughly handled

N. J. S.

4589

GOVERNMENT OF MADRAS.
PUBLIC WORKS DEPARTMENT.

4th December 1878, No. 4,589 W.

Buildings and Roads.
Military Works.

Read the following paper :—

No. 13. From Colonel P. O'CONNELL, R.E., Superintending Engineer, Chingleput, to the Chief Engineer, Public Works Department, dated St. Thomas' Mount, 11th October 1878, No. 3,641.

Constructing stages for the preservation of the forage for the horses of the O. Battery, 1st Brigade, R.A., Mount ..	198	RS. I HAVE the honor to forward for the sanction of Government the estimates for the works as per margin, which have been approved of by His Excellency the Commander-in-Chief.
Do. do. and do. C. Battery, 6th Brigade, R.A., Mount	198	

No. 14. ORDER THEREON, 4th December 1878, No. 4,589 W.

THE estimates submitted with the foregoing letter are sanctioned.

2. The Superintending Engineer will furnish funds if such are available.
3. This sanction has been registered as Imperial and numbered as follows :—

	Register No.	
Stages for the forage for the horses, O. Battery, 1st Brigade, R.A.	107	} B of 1878-79.
Stages for the forage for the horses C. Battery 6th Brigade R.A.	108	

(True Extract.)

Colonel, R.E.,
Secretary to Government, P.W.D.

To the Superintending Engineer, Third Circle.
" Examiner of Public Works Accounts.
" Military Department.

Exd. F. R. Bantleman.
Spare Copies

BUILDINGS AND ROAD
MILITARY WORKS.

Govt. of (1878) Madras.
PUBLIC WORKS.

To
THE SUPERINTENDING ENGINEER,
THIRD CIRCLE,
AC., CC., CC.

Dated December 4th.

Issued

Recd.

Encl.

G. O., 4th December 1878, No. 4550 W.

DECEMBER.

Nos. 13-14

Military Works of St. Thomas' Mount.
Sanctions estimates for certain —

Estimate for Constructing Stages for the preservation
of the forage for the Horses of the C. Battery
of Brigade at Mount

Specification.

4589
2

The daily forage for the Horses is now kept
in the lines on the ground & during the hot
seasons of weather is liable to get heated
the work. It is now proposed to construct
for each line 3 stages each 18' x 10'
on which the forage will be placed.

These will consist of a bamboo framing resting
on palm-leaf bressummers supported by masonry
pillars at 7 1/2 feet intervals 1 1/2 feet high & 1 1/2 feet square.

Excavate the earth for the foundations of pillars
to 2' square & 1 1/2' deep or to such
other depth as the Officer in charge
of the work may direct.

On the completion of the excavation the
foundation of pillars will be
built 2' square & 1 1/2' high. The
superstructure will be carried

up to a height of 1 1/2' & 1 1/2' square. Pillars to be
built of the best bricks procurable. English bond
to be used through out the work.

All exposed surfaces of masonry to be
plastered with 2 coats; 1st Coat one part of lime
to 1 1/2 of sand; well mixed & pounded. 2nd Coat 1
part of lime to 1 of sand. Carefully finished the
Plastering. Second Coat to be polished.

Palm-leaf bressummers to be laid on top
of pillars lengthways & bamboo
bressummers. Joists to be laid across them
at a foot from Centre to Centre
and nailed firmly to them. Palm-leaf rafters
& bamboo joists to be sound & free from all flaws
& shakes.

After the joists have been fixed on the
bamboo mats. bressummers bamboo mats are
to be placed over them on which
the forage will be placed.

Palm-leaf bressummers & bamboo joists
to be tarred with two coats.

Mount of Office
29 April 1878

D. M. S.
Executive Officer

Estimate for Constructing Stages for the
preservation of the forage for the Horses
of the 6th Battery C. Brigade R. of Mount
Specification. ¹⁸⁸⁹ 3

The daily forage for the Horses is now
kept in the lines on the ground & during the
Necessity of hot weather is liable to get
the work heated. It is now proposed to

Construct for each line 3 stages
each 28' x 10' on which the forage will be placed

This will consist of a bamboo framing
resting on Paluyrak Brusses supported
by masonry pillars at 7 1/2 feet intervals 1 1/2 feet
high & 1 1/2' square.

Excavate the earth for the foundation
of Pillars to 2 feet square & 1 1/2 feet deep or to
such other depth as the Officer
Excavation in Charge of the work may
direct.

On the Completion of the excavation
the foundation of pillars will be built
Brick in 2 feet square & 1 1/2 feet high.
Mortar. The superstructure will be
carried up to a height of 1 1/2 feet & 1 1/2 feet
square. Pillars to be built of the best bricks
procureable.

2600000000
3100000000
J. M. 14547
6395

procureable. English bond to be used through out the work.

All exposed surfaces of Masonry to be plastered with two Coats; first Coat one (Plastering) part of lime to one & a half of sand; well mixed & panned. Second Coat; one part of lime to one of sand; Carefully ground. The second Coat to be polished.

Paluviah bressummers to be laid on of pillars lengthways & bamboo joists to be laid across them $\frac{1}{2}$ feet apart from Centre to Centre and nailed firmly to them. Paluviah rafters & bamboo joists to be sound and free from all bressummers - flaws & shakes.

After the joists have been fixed on the bressummers bamboo mats are to be placed over them on which the forage will be placed.

Paluviah bressummers & bamboo joists to be tarred with two Coats

Mean & H. Office
27th April 1878

D. M. G. Esq
Executive Officer

By order
31 May 1878

No. 3641

CHINGLEPUT SUPERINTENDING ENGINEER'S OFFICE,
SAINT THOMAS' MOUNT, 11th Oct 1878.

From
THE SUPERINTENDING ENGINEER,
CHINGLEPUT.

To
The Chief Engineer
Public Works Department.

Cue 2.

Sir,

I have the honor to forward for the sanction of Government the estimates for the works as per margin which have been approved of by His Excellency the Commander in Chief.

Constructing stages for the preservation of the forage for the Horses of the C. Battery 1st Brigade R.A. Mount R. 198
— Do — Do and — Do —
C. Battery 6th Brigade
— Do — Do — R. 198

I have the honor to be
Sir
Your most obedient servant
P. H. Munnell Colonel R.E.
Super Engineer Chingleput
bat

No. 11503

From the Sup^r Eng^r Chingleput

N^o 3641

Dated 11th } Oct/78.
Recd 12 }

Enclosure 2.

Military Works - at Madras
— Forward for Sanction
Estimates amounting to Rs 3,
for certain -

B. F. R.
Admiral

N^o 4589 W Public Works Department

PROCEEDINGS OF THE MADRAS GOVERNMENT.

Under date the 4th Decr 1878.

Read the following:—

From

The Superintending Engineer
Chingleput

} (M.R. No. 3641 dt 11th Oct 1878)



The estimates submitted
with the foregoing letter
are sanctioned.

The Superintending Engineer
will furnish funds if such
are available -
W. H. 29.10.78

This sanction has been
registered as Imperial and
numbered as follows:—

Stages for the forage for the Horses of Battery	107	} B. F. R. 1878/79
1 st Brigade, R.E.		
Do — Do — Battery of Brigade do.	108	

S. S. Third Circle
Ex. P. H. acc^t with 2 Estimates
by Dep^r R. 11-12-78

Ch. 11803

Dept. of (1878) Madras.

PUBLIC WORKS.

To

The Suptg. Engr Third Circle

Dated

Issued

Recd.

Encl.

G. O., 4 Decr 1878, No 45896

Nos.

High works at St Thomas
Mount Junction
Estimates for cement

1897