

- (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.	1977	Press
B.P. No.		Mis.
118-119		
Dated	8. 8.	1873.

Not to be folded or roughly handled

*Proceedings of the Madras Government, Public Works Department,
8th August 1873.*

No. 118. Read the following endorsement of the Inspecting Engineer for Civil and Military Buildings, dated Bangalore, 19th July 1873, No. 802:—

From Captain H. M. VIBART, R.E., District Engineer, Bangalore, to Colonel E. A. FOORD, R.E., Inspecting Engineer for Civil and Military Buildings, dated Bangalore, 15th July 1873, No. 106.

WITH reference to your letter, No. 756, dated 9th July 1873, I have the honour to forward, herewith, an abstract of estimate and specification for the construction of a privy for the Barrack Serjeant's quarters, old Foot Artillery Barracks at Bangalore.

2. I am informed by the Barrack Master that the Barrack Serjeant's quarters cannot be definitely fixed, but as the Quarter Master General has sanctioned the erection of a latrine for one of the quarters referred to, it is probable that they will be permanently occupied as quarters for Barrack Serjeants.

3. With regard to your inquiry as to the allotment for Minor New Works bearing the cost of the work, I beg to refer you to my letter, No. 104, of 14th July 1873, on the subject in which I state that no funds are available from Minor New Works.

THE plan and estimate of Rupees 165 for constructing a privy for the Barrack Serjeant's quarters, old Foot Artillery Barracks at Bangalore, are forwarded to Government for sanction,

1 Plan.
1 Estimate.
1 Specification.

work being proceeded with when funds are available later on in the year.

2. The plan and estimate have met with the approval of His Excellency the Commander-in-Chief.

(Signed) E. A. FOORD, Colonel, R.E.,
Inspg. Engr. for Civil and Mily. Buildings.

No. 119.

ORDER THEREON, 8th August 1873, No. 1,977..

MILITARY WORKS, No. 2.

SANCTIONED.

(True Extract.)

Colonel, R.E.,

Secretary to Government.

To the District Engineer, Bangalore.

.. Inspecting Engineer for Buildings.

.. Officiating Controller of Public Works Account.

.. Military Department.

Erd. W. H. French.

Spare Copies.

No 4007483/74

Abstract Estimate of the probable cost of constructing a privy for Barrack Sergeant in Old Fort Artillery Barracks at Bangalore.

Quantity	Description of work	Rate	Per Amount	Total
88 bft	of Excavation	1.00	88	88
88 bft	of Foundation stone in chunam	26	1312	1312
300 1/4 bft	of Superstructure brick in chunam	29	5198	5198
1	N ^o of Lintel stone over Door	10	8	10
472	Sq ^{rs} of Plastering with two coats of chunam	28	11296	11296
179 1/2	Sq ^{rs} of Whitewashing 2 coats	3	54	54
292 1/2	Sq ^{rs} of Blue washing D ^o	4	1180	1180
27 1/2	Pf of Cotnie	4	614	614
5-10	bft of Junglewood wrought and put up	2	1108	1108
12	N ^o of Nails 6 inches long	68	6	6
115	Sq ^{rs} of Roofing with reapers, nails, flat and pan tiles & chunam borders	18	2012	2012
38 1/2	Sq ^{rs} of Flooring with 1 foot of clay and 6 sand	5	149	149

Carried over—12034

Bangalore District

Encls in a letter to
Df July 1873

8th Aug 73 No: 1577
P.W. 4083/73.

Abstract Estimate
for constructing a Privy
for Barrack Sergeant
in Old Foot Artillery
Barracks at Bangalore

Amount of Estimate Rs 165

Specification to accompany
Plan and Estimate for constructing
a privy for Barrack Sergeant
in Old Foot Artillery Barracks
at Bangalore.

Amount of Estimate Rs 165

Excavation

The excavation for founda-
-tion to be taken down to such a
depth as the District Engineer
may consider necessary and the
bottom taken out perfectly level.

Foundation

The foundation for front,
end, and screen walls to be laid
with stone in chunam stones laid
closely fitted with good bond and
well flushed up with chunam (3
parts of sand to two of fresh and
well burnt lime) slaked on the work.
Every fifth stone at least to be a
through header.

Superstructure

The walls for privy is to be
built only on three sides one of which
to be built on the present compound
wall which is called rear wall to
a height of 11 feet clear from the
floor, the other two walls to be built
new from the foundation. The front
wall to be 8 feet in height leaving
a space of 3x6 for doorway and the
side wall

Side wall to be built level with rear and front wall as shown on the plan. In front of the Privy a screen wall of one foot thick and $5\frac{1}{4}$ feet high having a coping of 3" projection on either side to be built; the centre of the coping to be 9" high terminating to a slope of 6" on both sides. The whole of the work to be built with best bricks ($9 \times 4\frac{1}{2} \times 2\frac{1}{2}$) in chunam (composed of 3 parts of sand to two of fresh and well burnt lime) slaked on the work. The bricks to be soaked in water before they are used and English bond to be observed throughout.

Dis. A stone to be placed over the door instead of archwork. The stone to be 5 feet long, $\frac{1}{2}$ foot wide and $\frac{1}{4}$ thick and to extend one foot on each side of the doorway.

The joints to be scraped out and the walls plastered inside and outside with two coats of chunam. 1st coat to consist of one part of lime to $\frac{1}{2}$ of river sand well ground together and the second coat to be of 3 parts of lime to one of hito sand well smoothed off.

The

Plastering

Cornice

Roofing

92
The Privy to be bluewashed outside and to have a uniform color throughout to be approved of by the District Engineer and to be whitewashed inside each with two coats.

The description of the cornice should be of the pattern supplied by the District Engineer: cornice bricks to have a proper bearing not less than 4" and set with strong lime.

The roof of the Privy to consist of flat and pan tiles and chunam borders about 6 feet apart with reefers ($2\frac{1}{2} \times \frac{3}{4}$) supported on junglewood rafters placed $\frac{1}{2}$ feet apart from centre to centre nailed on the wall plates (4×2) placed over the walls as shown on the plan.

Flooring

The floor of the Privy is to be made of one foot of well-tamped clay with 6 inches sand spread over it.

Privy seats

The planks for Privy seats to be 2" thick 2 feet broad and 4 feet long supported on wooden brackets ($3\frac{1}{2} \times 2\frac{1}{2}$) inserted one

one foot into the wall - Iron parti-
-tion $\frac{1}{8}$ thick and 5 feet high to be
placed between the seats as shewn
on the plan.

One battened door (3x6) frames Door
($4\frac{1}{2} \times 3\frac{1}{2}$) door plank $\frac{1}{4}$ thick with
strong hinges, hook, locks & a com-
-plete to be provided and fixed to
the position shewn on the plan.

The door to be coated with Painting
two coats of barsons anti corrosive
paint chocolate color.

All materials used and
work done to be of the best des-
-cription and subject to the ap-
-proval of the District Engineer
of Bangalore who shall have
the entire power of ordering the
removal of any work with which
he is dissatisfied.

Dist Engr's Office, Bangalore
15 July 1878
District Engineer Bangalore
Captain B.E.

N^o 45 of 1873/74
From
The Dist^l Engineer
Bangalore.
To
The Insp^g Eng^r for
Civil & Mil^y Buildg
Madras.

Dated 15th July 1873.
Receipt Specification to
accompany Estimate for
constructing a privy
for Barracks Ser^{ts}
in Old Fort Station
Barracks at Bangalore.

Amounting to
Rupees 165-0-0

P. G. & Co. 1873/1874
P. W. 4083/73.



...to the District Engineer's Office
N^o 106.
...in person at Bangalore on July 1873.
...at Bangalore on July 1873.
...from
...The District Engineer
Bangalore
...The Inspecting Engineer
Bangalore

Sir.

With reference to your letter of
15th July 1873, I have the honor
to forward herewith an abstract of
Estimate and specification for the
construction of a privy for the
Barracks at Bangalore. The
Barracks at Bangalore are under
construction and the Barracks
Quarters cannot be definitely fixed
but as the Quarter Master General
sanctioned the erection of a latrine
in the quarters referred to, it is
that they will be permanently occupied.

quarters of Black sergeants.
With regard to your enquiry as to
the allotment for Minor Gun Works bear-
ing the cost of the work. I beg to refer
you to my letter of 10th of July 1873 on
the subject in which I state that no
funds are available from Minor Gun
Works.

I have the honor to be,
Your most obedient servant,
Wm. H. Murray Esq. Major Genl. R.E.
District Engineer Bangalore,
No. 802.

The plans & Estimate of Rs 165, for con-
structing a Coy of the Band of Sergeants
quarters at the Artillery Barracks at Ban-
galore, are forwarded to Government for con-
sideration. The work being proceeded with when
funds are available later on in the year.

The plans & Estimate have met with the
approval of His Excellency the Commander in
Chief.

Wm. H. Murray Esq. Major Genl. R.E.
District Engineer Bangalore
Civil Engineering Building
The Secretary to Government P.W.D.

Enclosures 3.
1 Plan W-11
1 Estimate
1 Specification.

P. W. 1873 Depart.
From No 4083.
The Inspecting Engineer
for Buildings
To
The Secretary to Govt.
C. W. D.
No 802

Dated 19th
Recd 21st } July 1873

Encls: 3

Submits for sanction
the Plan & estimate of
No. 165 for constructing
a Priory for the Barrack
Sergeants' quarters old
Fort Artillery Barracks
at Bangalore.

With Order.

Dr. George Bancroft
Inclosure for Dr. C.
Cordier Dr. C. C. C. C. C.
Cordier: C. C. C. C. C.

A. Collins Smith 16/8/73

82-118-119.

Sept. 20 to Oct. 28 1873

13-2/11
Ct 4083

Capt. of 1873 Madras.
PUBLIC WORKS.

To The District Engineer
Bangalore

Dated

Recd.

Encl. 3

G. O. 8th Aug 1873. 1977.

Nos. 1188/113

Latrine. Estimate for
a latrine for the Barrack
Sergeant Quarters at
Bangalore, sanctioned.

11-2/11
Sent to Coly 25 July/73

W. W. V. de