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**MADRAS RECORD OFFICE.****Government of Madras.***Public works* **DEPARTMENT.**

|               |                 |
|---------------|-----------------|
| G.O. No. 2606 | Press<br>Mis. — |
| 14-15         |                 |
| Dated 1. 11   | 18 20 .         |

**Not to be folded or roughly handled**

*Proceedings of the Madras Government, Public Works Department,  
1st November 1870.*

No. 14. Read the following letter from the Acting Superintending Engineer, 5th Division, to the Secretary to Government, Public Works Department, dated Cuddalore, 14th October 1870, No. 152 :—

I HAVE the honour to forward herewith, for the sanction of Government from the grant for "Minor New Works" of the Budget of 1871-72, the following two estimates :—

2 Plans.  
2 Estimates, Rupees 140 and 235.  
2 Specifications.

1. For converting the disused Sick-stables, Royal Horse Artillery, into a Forge and Shoeing-shed for the Royal Artillery at Bangalore ... .. Rs. 140

This estimate has been forwarded to me by the Assistant Quarter Master General, Mysore Division, with the approval of His Excellency the Commander-in-Chief.

2. For constructing a water-trough for C. Battery, 23rd Brigade, Royal Artillery ... .. Rs. 235

This estimate has been prepared at the requisition of the Officer Commanding the Division.

It will be observed that no provision has been included in the estimate for pipes wherewith to fill this horse-trough. The Executive Engineer explains this omission by stating that, as no position has as yet been decided upon by the Military authorities for the trough, it is not possible to estimate for the pipes that may be required, and he states that he does not think that any will be necessary.

No. 15. ORDER THEREON, 1st November 1870, No. 2,606.

MILITARY WORKS, No. 2.

THE Government sanction the estimates submitted with this letter for the following Military works at Bangalore :—

- Converting the disused Sick-stables, Royal Horse Artillery, into a Forge and Shoeing-shed for the Royal Artillery ... .. Rs. 140
- Constructing a water-trough for C. Battery, 23rd Brigade, Royal Artillery ... .. Rs. 235

(True Extract.)

Colonel, R.E.,  
Secretary to Government.

To the Acting Superintending Engineer, 5th Division.  
.. Controller of Public Works Accounts.  
.. Military Department.

Exd. S. T. Augustin.

Military.

5<sup>th</sup> Division, D. P. W.

Bangalore.

New Works.

Abstract Estimate of 1870-71.

Work. — Converting the disused Sick Horse Stable, Royal Horse Artillery into a Forge and Shoeing Shed.

| Quantity | Description of work                        | Rate Per | Amount  | Total |
|----------|--------------------------------------------|----------|---------|-------|
| 187      | Cubic feet of Excavation for foundation    | 1 6 1/2  | 157     |       |
| 199      | Do of Stone in chunam                      | 2 6      | 31 1 6  |       |
| 153 7/16 | Do of Brick in chunam                      | 2 9      | 26 5 11 |       |
| 14 1/2   | Do of Teakwood wrought and put up complete | 4 8      | 65 4    |       |
| 2.50     | Squares of Plastering                      | 2 8      | 6 4     |       |
| 2.25     | Do of Whitewashing                         | 3        | 6 9     |       |
|          |                                            |          | 130 5 9 |       |
|          | Sundries                                   |          | 9 10 3  |       |

Total Amount of Estimate Rupees. — 140 ..  
Rupees One hundred and forty only.

Executive Engineer's Office  
Bangalore, 16<sup>th</sup> September  
1870.

Appld to Mr General's Office, M. D.  
Bangalore, 20<sup>th</sup> September 1870.

Signed, H. W. Wood Captain, B.E.  
Executive Engineer, Bangalore.

Approved  
By Order  
Signed, B. M. Deane Major  
Appld to Mr General.

Signed, J. Roberts Captain, B.E.  
Ag. Superintending Engineer  
5<sup>th</sup> Divn

Quantity of Estimate No 140

ing sheet.

Artillery in the charge and the

General Stable Royal Horse

concerning the district clerk

Abstract Estimate for

1874/75

Bangalore.

5<sup>th</sup> Division, D. & W.

Military.

Bangalore.

New Works.

5<sup>th</sup> Division, D. & W.

Abstract Estimate of 1870-71.

Work. Constructing a Water Trough for C. Battery 23<sup>rd</sup> Brigade Royal Artillery, Race Course.

| Quantity      | Description of work                                                                                                          | Rate Per | Amount | Total |
|---------------|------------------------------------------------------------------------------------------------------------------------------|----------|--------|-------|
| 753           | Cubic feet of Excavation                                                                                                     | 1 6/11   | 4      |       |
| 342           | — of Foundation brick in chumam                                                                                              | 2 6 1/2  | 53     |       |
| 83 1/4        | — of Superstructure                                                                                                          | 2 9 1/2  | 31     |       |
| 25 3/4        | — of Concrete                                                                                                                | 2 9 1/2  | 4      |       |
| 62/100        | Squares of Flooring of stone slabs 3 inches thick with the edges dressed square to be laid in mortar and pointed with cement | 15       | 9      |       |
| 72            | Running feet of coping stones 9 broad and 6 thick rounded on edges.                                                          | 12       | 864    | 54    |
| 2 21/100      | Squares of Plastering two coats                                                                                              | 2 8      | 16     | 6     |
| 1 98 1/2/100  | — of — with cement                                                                                                           | 12       | 24     |       |
| 2 21/100      | — of Blue washing                                                                                                            | 4        | 1      |       |
| 8             | Running feet of Earthenware pipes 4 1/2 inches diameter                                                                      | 3        | 24     | 2     |
| 20 47 1/2/100 | Squares of Stone jelly and gravel 6 inches thick                                                                             | 1 8      | 31     |       |

Carried over 219

reparation

|   |                      |               |
|---|----------------------|---------------|
| 1 | Brought over         | 219 ..        |
|   | Plug                 | 5 . Each 1 .. |
|   | Levelling the ground | 5 ..          |
|   |                      | 225 ..        |
|   | Sundries             | 10 ..         |

Total Amount of Estimated Rupees. 235 ..  
 Rupees Two hundred and thirty five only.

Executive Engineer's Office  
 Bangalore, 15<sup>th</sup> September  
 1870.

Signed, W. W. Wood Captain, B.E.  
 Executive Engineer, Bangalore  
 Approved,

Asst. Dir. General's Office, M. D.  
 Bangalore, 20<sup>th</sup> September 1870

By Order,  
 Signed, B. M. Deane Major  
 Asst. Dir. General

Pick of Roberto Captain, B.E.  
 Ag. Superintending Engineer 5<sup>th</sup> D.

Broughtover

5<sup>th</sup> Division, D. P. W.  
Bangalore.

SW 4124/70

Abstract Estimate for  
Constructing a Water Trough  
for C. Battery 23<sup>rd</sup> Brigade  
Royal Artillery Bangalore  
Course.

Amount of Estimate Rs 235.

152

Subj: Engineer's Office, 5<sup>th</sup>  
Bangalore, 14 October 1870.

To,  
The Acting Superintendent Engineer,  
5<sup>th</sup> Division.

From,  
The Secretary to Government,  
P. W. Department,  
Madras.

Enclosures: 6. Sir,

2. Plans

2. Estimates, Rs 140 + 235.

2. Specifications

I have the honor to forward herewith for the sanction of Government from the Grant for Minor New Works of the Budget of 1871-72, the following two estimates.

1. For converting the disused Lick Stables, Royal Horse Artillery, into a forge and shoeing shed for the Royal Artillery at Bangalore Rs 140.

This estimate has been forwarded to me by the Assistant Quarter Master General, Mysore Division, with the approval of His Excellency the Commander-in-Chief.

2. For Constructing a Water Trough for C. Battery, 23<sup>rd</sup> Brigade, Royal Artillery, Bangalore Rs 235.

This estimate has been prepared at the requisition

requisition of the Officer Commanding  
the Division.

It will be observed that no provision  
has been included in the estimate for pipes  
wherewith to fill this horse trough. The  
Executive Engineer explains this omission by  
stating that, as no position has as yet  
been decided upon by the Military autho-  
rities for the trough, it is not possible to esti-  
mate for the pipes that may be required,  
and he states that he does not think  
that any will be necessary.

Have the honor to be

Sir,

Your most obedient servant

Richd Roberts Capt R.E.  
Acting Superintg Engineer

No. 2606  
 Proceedings of the Madras Government  
 Under date the 1<sup>st</sup> October 1870.  
 Read the following  
 From the Acting Sup. Insp.  
 of the 5<sup>th</sup> Div. H. E. No. 152 of 14<sup>th</sup> October 1870.

The Government  
 sanction the estimates  
 submitted with this letter  
 for the following  
 military works at  
 Bangalore.

Converting the disused Sick Stables,  
 Royal Horse Artillery, into a Forge and  
 shoeing shed for the Royal Artillery. Rs. 140  
 Constructing a Water trough for  
 C. Battery, 23<sup>rd</sup> Brigade, Royal Artillery. " 235

To The L. Secy 5<sup>th</sup> Div. - with two copies  
 only Sept 2/1870

From the 1870  
 No. 4124  
 The Secy to Govt. Engineer,  
 5<sup>th</sup> Division.

The Secy to Government  
 P. O., Madras.

Dated 14<sup>th</sup>  
 Oct. 17<sup>th</sup> of October 1870.

No. 2606-1 of 15<sup>th</sup> October 1870  
 Enclosures 6  
 Military works at Bangalore.  
 Forwarding, for sanction from  
 the Govt for minor works  
 1871-72, two estimates of Rs. 140 &  
 235, respectively, for converting the  
 disused Sick Stables, R. H. A. into  
 a Forge and shoeing shed for R.  
 Artillery, & for constructing a water trough  
 for C. Battery, 23<sup>rd</sup> Brigade, R. Artillery,  
 at Bangalore.

No 14

to 19 Oct/70 Retd 24

W

C/2 4124

Govt. of (1870) Madras.

PUBLIC WORKS.

To The *Superintending Eng<sup>r</sup>*  
5<sup>th</sup> (Division)

Dated

Recd.

Enc 4

G. O. of *Works* No. 2608

Nov. 14/15

Military Works. The estimates  
amounting to Rs 375 for cer.  
tain *Military* Works at Ban-  
galore, Sanctioned.